

Table 1. Total Energy Supply and Disposition Summary (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Production																							
Crude Oil & Lease Condensate	12.43	12.33	12.37	12.46	12.28	11.85	11.68	11.64	11.75	11.68	11.63	11.61	12.07	12.31	12.58	12.71	12.91	13.40	13.52	13.58	13.54	13.62	0.5%
Natural Gas Plant Liquids	2.62	2.71	2.57	2.69	2.99	3.03	3.06	3.12	3.15	3.24	3.30	3.40	3.50	3.57	3.64	3.72	3.79	3.84	3.91	3.99	4.06	4.11	2.1%
Dry Natural Gas	19.20	19.59	19.80	20.08	20.87	21.30	21.55	22.08	22.38	23.07	23.52	24.31	25.13	25.68	26.31	26.92	27.46	27.88	28.50	29.13	29.62	30.03	2.2%
Coal	23.15	22.58	24.21	23.63	24.02	24.42	24.94	25.41	25.89	26.00	26.16	26.34	26.43	26.88	27.04	27.22	27.47	27.78	28.08	28.29	28.58	29.04	1.3%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	8.05	7.99	7.99	7.95	7.89	7.84	7.79	7.76	7.83	7.84	7.58	7.58	7.58	7.58	-0.3%
Renewable Energy 1/	6.89	6.46	6.04	6.82	7.12	7.24	7.37	7.48	7.57	7.66	7.77	7.88	8.00	8.14	8.26	8.37	8.48	8.57	8.68	8.78	8.90	8.97	1.7%
Other 2/	1.66	1.10	1.07	0.91	0.79	0.74	0.87	0.89	0.80	0.89	0.82	0.91	1.01	1.00	1.13	1.08	1.03	1.03	1.02	1.06	1.08	1.06	-0.2%
Total	73.50	72.81	74.21	74.72	76.27	76.68	77.58	78.73	79.54	80.53	81.19	82.41	84.04	85.40	86.76	87.77	88.78	90.14	91.28	92.40	93.35	94.40	1.3%
Imports																							
Crude Oil 3/	18.96	19.69	19.69	20.84	19.98	20.97	21.65	21.92	22.25	22.79	22.93	23.02	22.64	22.55	22.42	22.39	22.26	21.89	21.79	21.85	22.02	22.10	0.6%
Petroleum Products 4/	4.19	4.73	4.90	4.63	5.29	5.44	5.52	5.74	6.06	6.17	6.94	7.49	8.12	8.62	8.96	9.34	9.66	10.06	10.44	10.78	11.20	11.54	4.6%
Natural Gas	3.66	3.85	4.00	4.07	4.41	4.69	4.89	4.97	5.14	5.26	5.34	5.40	5.45	5.44	5.46	5.54	5.60	5.65	5.70	5.73	5.75	5.74	2.0%
Other Imports 5/	0.56	0.76	0.85	0.85	1.03	1.03	1.11	1.07	1.01	0.96	0.96	0.98	1.01	1.03	1.04	1.03	1.09	1.09	1.10	1.10	1.09	1.10	1.8%
Total	27.37	29.04	29.45	30.40	30.71	32.12	33.16	33.70	34.47	35.18	36.17	36.89	37.22	37.62	37.88	38.30	38.61	38.70	39.03	39.46	40.06	40.47	1.7%
Exports																							
Petroleum 6/	1.96	2.15	2.05	2.05	1.67	1.72	1.75	1.75	1.81	1.84	1.86	1.89	1.91	1.94	1.94	1.98	2.01	2.05	2.08	2.11	2.11	2.13	0.0%
Natural Gas	0.16	0.25	0.24	0.27	0.31	0.35	0.41	0.46	0.53	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.66	0.65	0.64	0.62	0.60	0.56	4.2%
Coal	1.52	1.53	1.39	1.44	1.42	1.41	1.41	1.41	1.42	1.42	1.43	1.44	1.44	1.44	1.33	1.33	1.34	1.35	1.36	1.37	1.37	1.38	-0.5%
Total	3.64	3.93	3.67	3.76	3.40	3.48	3.57	3.63	3.78	3.87	3.91	3.96	3.99	4.03	3.92	3.97	4.01	4.05	4.08	4.09	4.08	4.08	0.2%
Discrepancy 7/	0.13	-1.37	1.68	0.35	-0.33	-0.17	-0.03	0.06	0.03	0.17	0.22	0.33	0.35	0.38	0.45	0.43	0.36	0.39	0.45	0.49	0.51	0.51	N/A
Consumption																							
Petroleum Products 8/	38.25	38.62	38.53	38.77	39.50	40.13	40.80	41.37	42.14	42.86	43.72	44.56	45.49	46.19	46.88	47.43	47.93	48.55	49.12	49.75	50.39	50.96	1.4%
Natural Gas	22.57	23.43	22.80	24.49	25.59	26.02	26.31	26.74	27.03	27.66	28.07	28.76	29.54	30.01	30.60	31.22	31.77	32.13	32.60	33.17	33.67	34.04	1.9%
Coal	21.56	22.33	22.37	22.42	23.08	23.48	24.02	24.50	24.99	25.09	25.26	25.43	25.54	26.00	26.28	26.45	26.71	27.01	27.32	27.52	27.83	28.27	1.2%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	8.00	7.99	7.99	7.95	7.89	7.84	7.79	7.76	7.83	7.84	7.58	7.58	7.58	7.58	-0.3%
Renewable Energy 1/	6.70	6.48	6.06	6.84	7.13	7.25	7.38	7.49	7.58	7.67	7.77	7.88	8.01	8.14	8.27	8.38	8.49	8.58	8.69	8.79	8.91	8.98	1.6%
Other 9/	0.28	0.39	0.39	0.36	0.52	0.52	0.59	0.54	0.48	0.41	0.42	0.44	0.45	0.45	0.44	0.49	0.48	0.48	0.48	0.46	0.46	0.46	0.9%
Total	97.10	99.29	98.30	101.00	103.90	105.48	107.20	108.74	110.22	111.67	113.22	115.01	116.91	118.62	120.28	121.68	123.02	124.40	125.78	127.28	128.83	130.29	1.4%
Net Imports - Petroleum	21.19	22.28	22.55	23.42	23.60	24.69	25.41	25.91	26.50	27.13	28.01	28.62	28.85	29.22	29.44	29.76	29.91	29.91	30.14	30.52	31.11	31.51	1.7%
Prices (2000 dollars per unit)																							
World Oil Price (dollars per barrel) 10/	17.60	27.72	22.48	25.43	26.93	28.35	29.56	29.65	29.74	29.83	29.92	30.01	30.09	30.17	30.26	30.35	30.44	30.50	30.53	30.55	30.57	30.58	0.5%
Natural Gas Wellhead Price (dollars per Mcf) 11/	2.27	3.60	3.94	2.00	2.42	2.69	2.84	2.90	2.94	3.03	3.04	3.05	3.09	3.11	3.12	3.18	3.25	3.31	3.36	3.38	3.39	3.40	-0.3%
Coal Minemouth Price (dollars per ton)	17.01	16.45	16.16	15.75	15.47	15.19	15.08	14.84	14.51	14.29	14.06	13.86	13.63	13.54	13.80	13.71	13.57	13.45	13.31	13.19	13.09	12.95	-1.2%
Average Electricity (cents per kilowatt-hour)	6.1	6.9	7.1	6.7	6.5	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	-0.3%

1/ Includes grid-connected electricity from conventional hydroelectric, wood and wood waste, landfill gas, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table 18 for selected nonmarketed residential and commercial renewable energy.

2/ Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

3/ Includes imports of crude oil for the Strategic Petroleum Reserve.

4/ Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

5/ Includes coal, coal coke (net), and electricity (net).

6/ Includes crude oil and petroleum products.

7/ Balancing item. Includes unaccounted for supply, losses, gains, net storage withdrawals, and heat loss when natural gas is converted to liquid fuel.

Table 1. Total Energy Supply and Disposition Summary (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

8/ Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum-based liquids for blending, such as ethanol.
9/ Includes net electricity imports, methanol, and liquid hydrogen.

10/ Average refined acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 natural gas values: Energy Information Administration (EIA), Natural Gas Annual, DOE/EIA-0131(99) (Washington, DC, October 2000). 1999 coal
minemouth prices: EIA, Coal Industry Annual 1999, DOE/EIA-0584(99) (Washington, DC, June 2001). Other 1999 values: EIA, Annual Energy Review 2000, DOE/EIA-0384(2000)
(Washington, DC, August 2001). 2000 natural gas values: EIA, Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 2000 petroleum values: EIA,
Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 2000 petroleum values: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1
(Washington, DC, June 2001). Other 2000 values: EIA, Annual Energy Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001) and EIA, Quarterly Coal
Report, DOE/EIA-0121(2000.4Q) (Washington, DC, October-December 2000). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d10(2001b).

Table 2. Energy Consumption by Sector and Source (1 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Energy Consumption																							
Residential																							
Distillate Fuel	0.81	0.82	0.87	0.86	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.74	0.73	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67	0.67	-1.0%
Kerosene	0.11	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	-1.8%
Liquefied Petroleum Gas	0.53	0.47	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.40	0.40	0.39	0.39	0.38	0.38	0.38	0.37	-1.1%
Petroleum Subtotal	1.46	1.38	1.40	1.39	1.37	1.35	1.31	1.29	1.27	1.26	1.24	1.23	1.21	1.20	1.19	1.17	1.16	1.15	1.13	1.12	1.11	1.11	-1.1%
Natural Gas	4.86	5.14	5.19	5.37	5.47	5.52	5.50	5.51	5.54	5.58	5.59	5.63	5.68	5.75	5.78	5.82	5.85	5.90	5.92	5.97	6.03	6.10	0.9%
Coal	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%
Renewable Energy 1/	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.3%
Electricity	3.91	4.07	4.20	4.30	4.44	4.54	4.61	4.66	4.72	4.79	4.84	4.90	4.97	5.06	5.12	5.20	5.28	5.37	5.43	5.50	5.59	5.69	1.7%
Delivered Energy	10.67	11.06	11.26	11.53	11.78	11.89	11.90	11.95	12.01	12.11	12.16	12.25	12.35	12.50	12.57	12.68	12.78	12.91	13.07	13.08	13.22	13.40	1.0%
Electricity Related Losses	8.44	8.79	8.99	9.19	9.50	9.58	9.69	9.74	9.72	9.73	9.74	9.79	9.85	9.98	10.08	10.17	10.27	10.36	10.43	10.52	10.63	10.77	1.0%
Total	19.10	19.85	20.25	20.72	21.26	21.47	21.58	21.69	21.73	21.84	21.90	22.04	22.21	22.48	22.65	22.85	23.05	23.26	23.40	23.61	23.85	24.16	1.0%
Commercial																							
Distillate Fuel	0.42	0.38	0.40	0.40	0.40	0.40	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.2%
Residual Fuel	0.09	0.14	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	-0.3%
Kerosene	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.1%
Liquefied Petroleum Gas	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.9%
Motor Gasoline 2/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.5%
Petroleum Subtotal	0.65	0.65	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.68	0.68	0.68	0.2%
Natural Gas	3.14	3.36	3.41	3.53	3.65	3.73	3.75	3.79	3.84	3.88	3.94	4.00	4.06	4.12	4.18	4.24	4.30	4.35	4.41	4.48	4.54	4.61	1.6%
Coal	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.7%
Renewable Energy 3/	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Electricity	3.77	3.90	4.00	4.07	4.20	4.33	4.45	4.56	4.67	4.78	4.89	5.01	5.12	5.24	5.36	5.48	5.60	5.70	5.81	5.91	6.02	6.13	2.3%
Delivered Energy	7.70	8.07	8.18	8.30	8.65	8.85	8.99	9.14	9.31	9.47	9.63	9.81	9.99	10.17	10.36	10.54	10.71	10.88	11.04	11.22	11.39	11.57	1.8%
Electricity Related Losses	8.13	8.43	8.56	8.70	8.98	9.14	9.34	9.51	9.62	9.71	9.86	10.01	10.16	10.34	10.56	10.73	10.87	11.00	11.16	11.30	11.45	11.60	1.6%
Total	15.84	16.49	16.74	17.08	17.63	17.99	18.33	18.66	18.92	19.18	19.49	19.82	20.14	20.52	20.91	21.27	21.58	21.88	22.20	22.51	22.84	23.17	1.7%
Industrial 4/																							
Distillate Fuel	1.08	1.11	1.10	1.10	1.12	1.13	1.15	1.15	1.15	1.17	1.18	1.20	1.22	1.23	1.25	1.28	1.28	1.29	1.30	1.33	1.35	1.36	1.0%
Liquefied Petroleum Gas	2.26	2.36	2.20	2.34	2.39	2.41	2.44	2.45	2.48	2.50	2.53	2.57	2.66	2.72	2.76	2.77	2.77	2.81	2.82	2.85	2.88	2.91	1.0%
Petrochemical Feedstocks	1.31	1.32	1.15	1.28	1.31	1.33	1.35	1.37	1.39	1.41	1.43	1.44	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	0.9%
Residual Fuel	0.25	0.27	0.19	0.16	0.15	0.16	0.17	0.19	0.20	0.22	0.22	0.22	0.22	0.21	0.21	0.21	0.21	0.22	0.23	0.23	0.23	0.23	-0.8%
Motor Gasoline 2/	0.15	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	1.2%
Other Petroleum 5/	4.35	3.96	3.97	4.13	4.22	4.25	4.32	4.38	4.54	4.58	4.67	4.76	4.83	4.84	4.86	4.92	4.96	5.00	5.04	5.10	5.14	5.18	1.4%
Petroleum Subtotal	9.40	9.23	8.83	9.22	9.40	9.51	9.65	9.74	9.99	10.09	10.27	10.44	10.66	10.74	10.84	10.94	11.01	11.12	11.19	11.32	11.43	11.53	1.1%
Natural Gas 6/	9.95	9.79	9.04	9.90	10.31	10.44	10.60	10.82	10.91	11.10	11.20	11.37	11.50	11.62	11.77	11.88	12.01	12.06	12.16	12.29	12.39	12.48	1.2%
Metallurgical Coal	0.75	0.77	0.71	0.72	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	-1.8%
Steam Coal	1.69	1.69	1.69	1.65	1.68	1.71	1.73	1.74	1.75	1.75	1.75	1.77	1.77	1.78	1.78	1.80	1.81	1.82	1.84	1.85	1.86	1.86	0.5%
Net Coal Coke Imports	0.06	0.06	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	4.4%
Coal Subtotal	2.50	2.53	2.45	2.41	2.45	2.47	2.49	2.50	2.51	2.50	2.50	2.50	2.52	2.52	2.51	2.51	2.52	2.53	2.54	2.54	2.54	2.54	0.0%
Renewable Energy 7/	2.29	2.41	2.41	2.47	2.53	2.58	2.65	2.71	2.77	2.78	2.83	2.88	2.96	3.02	3.07	3.12	3.17	3.23	3.28	3.33	3.38	3.42	1.8%
Electricity	3.81	3.85	3.49	3.51	3.63	3.71	3.80	3.88	3.97	4.04	4.11	4.20	4.29	4.36	4.42	4.48	4.53	4.59	4.65	4.72	4.78	4.83	1.4%
Delivered Energy	27.75	27.82	28.22	27.51	28.53	28.71	29.19	29.64	30.14	30.52	30.91	31.39	31.92	32.26	32.62	32.93	33.23	33.51	33.82	34.20	34.52	34.81	1.2%
Electricity Related Losses	7.80	7.89	7.48	7.51	7.79	7.82	7.98	8.09	8.17	8.21	8.28	8.36	8.52	8.60	8.70	8.76	8.81	8.85	8.90	9.02	9.09	9.15	0.7%
Total	35.54	35.50	33.69	35.02	36.09	36.53	37.17	37.74	38.31	38.74	39.19	39.79	40.44	40.86	41.32	41.69	42.04	42.37	42.75	43.21	43.62	43.96	1.1%

Table 2. Energy Consumption by Sector and Source (2 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Transportation																							
Distillate Fuel 8/	5.16	5.42	5.60	5.71	5.93	6.12	6.32	6.49	6.67	6.85	7.05	7.26	7.48	7.64	7.79	7.92	8.04	8.16	8.30	8.43	8.55	8.66	2.4%
Jet Fuel 9/	3.46	3.58	3.49	3.58	3.66	3.74	3.84	3.93	4.03	4.15	4.28	4.42	4.56	4.69	4.81	4.93	5.07	5.21	5.35	5.50	5.64	5.78	2.4%
Motor Gasoline 2/	15.86	16.05	16.19	16.53	16.83	17.21	17.51	17.77	18.06	18.38	18.74	19.07	19.43	19.75	20.06	20.26	20.45	20.69	20.90	21.12	21.39	21.60	1.5%
Residual Fuel	0.93	1.14	1.03	1.06	1.06	1.07	1.07	1.07	1.07	1.08	1.08	1.08	1.08	1.08	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.11	-0.1%
Liquefied Petroleum Gas	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	5.0%
Other Petroleum 10/	0.22	0.22	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	1.3%
Petroleum Subtotal	25.65	26.42	26.58	27.15	27.85	28.40	29.02	29.53	30.11	30.74	31.45	32.13	32.86	33.48	34.07	34.52	34.97	35.48	35.99	36.48	37.02	37.48	1.8%
Pipeline Fuel Natural Gas	0.75	0.79	0.79	0.77	0.80	0.80	0.80	0.81	0.82	0.83	0.84	0.86	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.2%
Compressed Natural Gas	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	10.0%
Renewable Energy (EBS) 11/	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	5.4%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Electricity	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	3.0%
Delivered Energy	26.49	27.32	27.49	28.04	28.78	29.35	29.97	30.51	31.10	31.76	32.49	33.21	33.96	34.60	35.22	35.70	36.17	36.70	37.23	37.75	38.32	38.80	1.8%
Electricity Related Losses	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.21	2.4%
Total	26.61	27.45	27.62	28.18	28.92	29.49	30.12	30.66	31.25	31.91	32.64	33.36	34.12	34.77	35.39	35.87	36.35	36.89	37.42	37.95	38.51	39.01	1.8%
Delivered Energy Consumption, All Sectors																							
Distillate Fuel	7.47	7.73	7.97	8.08	8.29	8.48	8.67	8.82	8.99	9.18	9.38	9.59	9.82	9.99	10.15	10.28	10.40	10.54	10.68	10.82	10.96	11.09	1.8%
Kerosene	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.8%
Jet Fuel 9/	3.46	3.58	3.49	3.58	3.66	3.74	3.84	3.93	4.03	4.15	4.28	4.42	4.56	4.69	4.81	4.93	5.07	5.21	5.35	5.50	5.64	5.78	2.4%
Liquefied Petroleum Gas	2.90	2.93	2.73	2.89	2.93	2.95	2.97	2.99	3.02	3.04	3.08	3.12	3.21	3.26	3.29	3.31	3.34	3.34	3.37	3.40	3.43	3.43	0.8%
Motor Gasoline 2/	16.04	16.29	16.44	16.78	17.18	17.46	17.77	18.02	18.31	18.64	19.00	19.34	19.69	20.02	20.33	20.53	20.73	20.97	21.19	21.41	21.68	21.90	1.5%
Petrochemical Feedstocks	1.31	1.32	1.15	1.28	1.31	1.33	1.35	1.37	1.39	1.41	1.43	1.44	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	0.9%
Residual Fuel	1.26	1.54	1.33	1.33	1.32	1.34	1.35	1.37	1.39	1.41	1.41	1.42	1.43	1.42	1.43	1.43	1.44	1.45	1.46	1.46	1.46	1.46	-0.3%
Other Petroleum 12/	4.56	4.16	4.19	4.24	4.44	4.47	4.54	4.59	4.77	4.81	4.91	5.00	5.07	5.08	5.11	5.17	5.21	5.26	5.30	5.36	5.41	5.45	1.4%
Petroleum Subtotal	37.15	37.69	37.45	38.41	39.27	39.91	40.63	41.22	42.02	42.75	43.62	44.46	45.39	46.08	46.76	47.30	47.80	48.41	48.98	49.60	50.24	50.81	1.5%
Natural Gas 6/	18.71	19.11	18.46	19.60	20.28	20.54	20.71	21.00	21.17	21.47	21.66	21.95	22.22	22.49	22.75	22.98	23.22	23.39	23.59	23.85	24.09	24.34	1.2%
Metallurgical Coal	0.75	0.77	0.71	0.72	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	-1.8%
Steam Coal	1.80	1.80	1.80	1.75	1.79	1.82	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.91	1.92	1.93	1.95	1.96	1.97	1.98	1.98	0.5%
Net Coal Coke Imports	0.06	0.06	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15	0.15	4.4%
Coal Subtotal	2.61	2.64	2.55	2.52	2.56	2.59	2.60	2.61	2.62	2.62	2.63	2.64	2.64	2.64	2.63	2.64	2.65	2.66	2.67	2.67	2.67	2.67	0.0%
Renewable Energy 13/	2.79	2.93	2.93	3.00	3.06	3.11	3.18	3.25	3.31	3.33	3.38	3.43	3.51	3.58	3.68	3.74	3.79	3.85	3.90	3.95	4.00	4.00	1.6%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Electricity	11.34	11.69	11.75	11.95	12.34	12.65	12.92	13.17	13.43	13.69	13.92	14.19	14.46	14.74	14.99	15.25	15.50	15.75	15.98	16.24	16.49	16.75	1.8%
Delivered Energy	72.60	74.06	73.14	75.47	77.52	78.79	80.05	81.25	82.57	83.87	85.19	86.66	88.23	89.53	90.77	91.84	92.89	94.00	95.07	96.26	97.45	98.58	1.4%
Electricity Related Losses	24.50	25.23	25.16	25.54	26.38	26.69	27.15	27.49	27.65	27.81	28.03	28.35	28.68	29.08	29.51	29.83	30.12	30.39	30.71	31.02	31.38	31.71	1.2%
Total	97.10	99.29	98.30	101.00	103.90	105.48	107.20	108.74	110.22	111.67	113.22	115.01	116.91	118.62	120.28	121.68	123.02	124.40	125.78	127.28	128.83	130.29	1.4%
Electricity Generators 14/																							
Distillate Fuel	0.09	0.08	0.10	0.08	0.07	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	-2.2%
Residual Fuel	1.01	0.86	0.98	0.30	0.17	0.16	0.11	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.11	0.10	-10.1%
Petroleum Subtotal	1.10	0.93	1.08	0.36	0.23	0.22	0.17	0.15	0.12	0.11	0.10	0.10	0.10	0.11	0.12	0.13	0.13	0.13	0.13	0.14	0.15	0.15	-8.7%
Natural Gas	3.86	4.33	4.35	4.90	5.31	5.47	5.60	5.74	5.86	6.19	6.41	6.81	7.32	7.52	7.85	8.24	8.55	8.74	9.00	9.32	9.58	9.70	4.1%
Steam Coal	18.95	19.69	19.82	19.90	20.52	20.90	21.41	21.89	22.36	22.47	22.84	22.81	22.90	23.36	23.84	23.82	24.07	24.37	24.66	24.86	25.16	25.60	1.3%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	8.00	7.99	7.99	7.95	7.89	7.84	7.79	7.76	7.83	7.84	7.88	7.88	7.88	7.88	-0.3%
Renewable Energy 15/	3.91	3.55	3.13	3.81	4.07	4.14	4.20	4.24	4.26	4.34	4.40	4.45	4.50	4.57	4.64	4.70	4.75	4.79	4.84	4.88	4.95	4.99	1.7%
Electricity Imports 16/	0.28	0.38	0.38	0.36	0.52	0.51	0.59	0.53	0.47	0.41	0.40	0.42	0.43	0.44	0.44	0.44	0.45	0.48	0.48	0.47	0.47	0.45	0.8%
Total	35.84	36.92	36.91	37.48	38.72	39.33	40.07	40.66	41.09	41.50	41.95	42.54	43.15	43.83	44.50	45.08	45.63	46.15	46.69	47.26	47.87	48.47	1.4%

Table 2. Energy Consumption by Sector and Source (3 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Energy Consumption																							
Distillate Fuel	7.56	7.80	8.07	8.14	8.36	8.54	8.73	8.87	9.04	9.22	9.43	9.64	9.87	10.04	10.19	10.32	10.45	10.58	10.72	10.87	11.01	11.14	1.8%
Kerosene	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.8%
Jet Fuel 3/	3.46	3.58	3.49	3.58	3.66	3.74	3.84	3.93	4.03	4.15	4.28	4.42	4.56	4.69	4.81	4.93	5.07	5.21	5.35	5.50	5.64	5.78	2.4%
Liquefied Petroleum Gas	2.90	2.93	2.73	2.89	2.93	2.95	2.97	2.99	3.02	3.04	3.08	3.12	3.21	3.26	3.29	3.31	3.34	3.34	3.37	3.40	3.43	3.40	0.8%
Motor Gasoline 2/	16.04	16.29	16.44	16.78	17.18	17.46	17.77	18.02	18.31	18.64	19.00	19.34	19.69	20.02	20.33	20.53	20.73	20.97	21.19	21.41	21.68	21.90	1.5%
Petrochemical Feedstocks	1.31	1.32	1.15	1.28	1.21	1.23	1.25	1.27	1.30	1.41	1.43	1.44	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	0.9%
Residual Fuel	2.27	2.40	2.31	1.63	1.49	1.50	1.47	1.47	1.47	1.48	1.48	1.48	1.48	1.48	1.50	1.52	1.52	1.53	1.54	1.56	1.57	1.57	-2.1%
Other Petroleum 12/	4.56	4.16	4.19	4.34	4.44	4.47	4.54	4.59	4.77	4.81	4.91	5.00	5.07	5.08	5.11	5.17	5.21	5.26	5.30	5.36	5.41	5.45	1.4%
Petroleum Subtotal	38.25	38.62	38.53	38.77	39.50	40.13	40.80	41.37	42.14	42.86	43.72	44.56	45.49	46.19	46.88	47.43	47.93	48.55	49.12	49.75	50.39	50.96	1.4%
Natural Gas	22.57	23.43	22.80	24.49	25.59	26.02	26.31	26.74	27.03	27.88	28.07	28.76	29.54	30.01	30.80	31.22	31.77	32.13	32.80	33.17	33.67	34.04	1.9%
Mechanical Coal	0.75	0.77	0.71	0.72	0.71	0.69	0.68	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.54	-1.8%
Steam Coal	30.75	21.49	21.62	21.65	22.31	22.72	23.25	23.74	24.23	24.33	24.51	24.68	24.80	25.26	25.55	25.99	26.30	26.61	26.82	27.13	27.58	27.58	1.3%
Net Coal Coke Imports	0.06	0.06	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.15	4.4%
Coal Subtotal	21.56	22.33	22.37	22.42	23.08	23.48	24.02	24.50	24.99	25.09	25.26	25.43	25.54	26.00	26.28	26.45	26.71	27.01	27.32	27.52	27.83	28.27	1.2%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	8.00	7.99	7.99	7.95	7.89	7.84	7.79	7.76	7.83	7.84	7.58	7.58	7.58	7.58	-0.3%
Renewable Energy 17/	6.70	8.48	6.06	6.84	7.13	7.25	7.38	7.49	7.58	7.67	7.77	7.88	8.01	8.14	8.27	8.38	8.49	8.58	8.69	8.79	8.91	9.06	1.6%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electricity Imports 16/	0.28	0.38	0.38	0.36	0.52	0.51	0.59	0.53	0.47	0.41	0.40	0.42	0.43	0.44	0.44	0.43	0.48	0.48	0.47	0.47	0.45	0.45	0.8%
Total	97.10	99.20	98.30	101.00	103.90	105.48	107.20	108.74	110.22	111.67	113.22	115.01	116.91	118.62	120.28	121.68	123.02	124.40	125.78	127.28	128.83	130.29	1.4%
Energy Use & Related Statistics																							
Delivered Energy Use	72.60	74.06	73.14	75.47	77.52	78.79	80.05	81.25	82.67	83.87	85.19	86.66	88.23	89.53	90.77	91.84	92.89	94.00	95.07	96.26	97.45	98.58	1.4%
Total Energy Use	97.10	99.20	98.30	101.00	103.90	105.48	107.20	108.74	110.22	111.67	113.22	115.01	116.91	118.62	120.28	121.68	123.02	124.40	125.78	127.28	128.83	130.29	1.4%
Population (millions)	273.25	275.69	278.18	280.68	283.17	285.64	288.09	290.53	292.96	295.38	297.81	300.24	302.68	305.15	307.64	310.14	312.66	315.19	317.72	320.26	322.79	325.33	0.8%
US GDP (billion 1999 dollars)	8857	9224	9319	9523	9813	10080	10362	10700	11022	11425	11854	12303	12772	13162	13551	13954	14372	14804	15254	15884	16106	16496	2.9%
Carbon Dioxide Emissions (million metric tons carbon equivalent)	1517.2	1561.7	1560.7	1583.9	1626.0	1654.2	1683.5	1712.1	1742.7	1767.2	1792.6	1822.0	1852.1	1883.1	1910.8	1933.8	1957.0	1981.1	2006.2	2030.7	2056.8	2083.4	1.5%

1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and solar photovoltaic electricity generation.

4/ Fuel consumption includes consumption for cogeneration, which produces electricity and other useful thermal energy.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Includes lease and plant fuel and consumption by cogenerators; excludes consumption by nonutility generators.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; includes cogeneration, both for sale to the grid and for own use.

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gas and lubricants.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes cogeneration. Excludes net electricity imports.

16/ In 1999 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity). EIA does not project future proportions for the fuel source of imported electricity.

17/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1999 natural gas lease, plant, and pipeline fuel values: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99)

(Washington, DC, October 2000). 1999 and 2000 electric utility fuel consumption: EIA, Electric Power Annual 1999, Volume 1, DOE/EIA-0348(99)1

(Washington, DC, August 2000). 1999 and 2000 nonutility consumption estimates: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility."

Other 1999 values: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Other 2000 values: EIA, Short-Term Energy Outlook, October

2001, <http://www.eia.doe.gov/pub/forecasting/steeoldsteoc101.pdf>. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 3. Energy Prices by Sector and Source (1 of 2)
(2000 Dollars per Million Btu, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Residential	13.53	14.43	15.06	13.38	13.42	13.60	13.70	13.74	13.78	13.85	13.87	13.89	13.96	13.91	13.94	13.96	14.03	14.12	14.21	14.26	14.31	14.31	0.0%
Primary Energy 1/	6.89	8.26	9.02	6.99	7.40	7.60	7.73	7.71	7.71	7.72	7.69	7.65	7.65	7.65	7.66	7.69	7.73	7.76	7.79	7.79	7.79	7.77	-0.3%
Petroleum Products 2/	7.85	10.78	10.00	9.48	10.27	10.50	10.80	10.79	10.87	10.87	10.99	11.06	11.10	11.19	11.29	11.36	11.41	11.47	11.48	11.51	11.55	11.55	0.3%
Distillate Fuel	6.39	9.42	9.04	8.31	8.55	8.80	9.04	8.94	9.00	8.94	9.07	9.13	9.13	9.23	9.40	9.48	9.56	9.62	9.64	9.68	9.75	9.74	0.2%
Liquefied Petroleum Gas	10.50	13.65	12.43	12.20	13.64	13.78	14.17	14.32	14.37	14.44	14.50	14.51	14.65	14.73	14.70	14.76	14.77	14.82	14.82	14.82	14.83	14.84	0.4%
Natural Gas	6.65	7.64	8.81	6.39	6.73	6.94	7.05	7.04	7.03	7.06	7.02	6.97	6.98	6.96	6.97	7.01	7.06	7.10	7.13	7.14	7.14	7.13	-0.3%
Electricity	24.33	24.37	24.69	23.49	22.78	22.73	22.68	22.60	22.67	22.70	22.78	22.57	22.54	22.44	22.44	22.44	22.52	22.63	22.67	22.71	22.66	22.66	-0.4%
Commercial	13.21	14.03	14.91	13.18	13.10	13.27	13.31	13.21	13.16	13.24	13.25	13.29	13.41	13.33	13.43	13.44	13.53	13.62	13.72	13.77	13.83	13.83	-0.1%
Primary Energy 1/	5.25	6.31	7.29	5.21	5.62	5.83	5.95	5.96	5.98	5.98	5.96	5.93	5.95	5.95	5.99	6.03	6.09	6.14	6.17	6.18	6.20	6.20	-0.1%
Petroleum Products 2/	5.15	7.19	6.48	6.18	6.92	7.16	7.41	7.38	7.42	7.40	7.49	7.55	7.59	7.66	7.81	7.87	7.93	7.97	7.98	8.01	8.05	8.05	0.6%
Distillate Fuel	4.46	7.09	6.92	5.89	6.31	6.56	6.80	6.76	6.79	6.82	6.92	6.94	7.04	7.24	7.31	7.39	7.45	7.46	7.50	7.57	7.57	7.57	0.3%
Residual Fuel	2.65	3.46	3.93	3.62	4.40	4.62	4.80	4.81	4.82	4.83	4.85	4.86	4.87	4.88	4.89	4.91	4.92	4.93	4.93	4.94	4.94	4.93	1.8%
Natural Gas 3/	5.34	6.23	7.55	5.10	5.45	5.67	5.78	5.79	5.79	5.82	5.78	5.74	5.76	5.76	5.77	5.82	5.88	5.93	5.97	5.99	6.00	6.00	-0.2%
Electricity	21.37	22.12	22.73	21.48	20.88	20.90	20.69	20.38	20.18	20.23	20.20	20.23	20.39	20.16	20.25	20.17	20.23	20.30	20.43	20.47	20.54	20.52	-0.4%
Industrial 4/	5.32	6.88	6.30	5.36	5.91	6.10	6.27	6.32	6.38	6.43	6.40	6.60	6.62	6.69	6.73	6.76	6.81	6.85	6.89	6.92	6.94	6.94	0.0%
Primary Energy	3.97	5.69	4.96	4.03	4.70	4.90	5.12	5.18	5.22	5.32	5.42	5.46	5.52	5.56	5.59	5.63	5.64	5.67	5.69	5.70	5.70	5.70	0.0%
Petroleum Products 2/	5.53	8.10	6.21	5.99	7.12	7.30	7.58	7.62	7.71	7.77	7.92	7.99	8.10	8.13	8.13	8.13	8.11	8.13	8.15	8.15	8.16	8.16	0.0%
Distillate Fuel	4.71	7.21	5.99	5.76	6.38	6.63	6.88	6.79	6.84	6.79	6.92	7.07	7.15	7.23	7.50	7.57	7.65	7.70	7.68	7.73	7.79	7.81	0.4%
Liquefied Petroleum Gas	8.77	11.73	7.72	7.47	9.01	9.08	9.47	9.54	9.60	9.61	9.65	9.69	9.91	9.97	10.00	10.02	10.01	10.06	10.04	10.05	10.07	10.08	-0.8%
Residual Fuel	2.75	3.27	3.73	3.44	4.21	4.43	4.61	4.62	4.63	4.64	4.66	4.67	4.68	4.68	4.70	4.71	4.73	4.74	4.76	4.76	4.77	4.77	1.9%
Natural Gas 5/	3.00	4.31	4.62	2.66	3.06	3.32	3.47	3.52	3.58	3.65	3.67	3.68	3.72	3.72	3.74	3.80	3.86	3.91	3.97	4.00	4.02	4.03	-0.3%
Metallurgical Coal	1.71	1.62	1.65	1.64	1.63	1.62	1.61	1.61	1.59	1.57	1.57	1.56	1.55	1.55	1.53	1.53	1.52	1.51	1.50	1.49	1.48	1.48	-0.5%
Steam Coal	1.43	1.41	1.41	1.39	1.37	1.37	1.36	1.34	1.33	1.32	1.31	1.30	1.29	1.29	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.23	-0.7%
Electricity	13.00	13.50	13.68	13.05	12.82	12.91	12.89	12.71	12.62	12.71	12.73	12.81	12.90	12.81	12.86	12.85	12.89	12.94	13.08	13.14	13.19	13.20	-0.1%
Transportation	8.46	10.88	10.60	9.71	10.43	10.71	10.91	11.07	11.19	11.25	11.20	11.27	11.30	11.30	11.44	11.50	11.52	11.46	11.46	11.42	11.32	11.28	0.2%
Primary Energy	8.43	10.86	10.58	9.69	10.41	10.69	10.89	11.06	11.17	11.23	11.19	11.25	11.28	11.28	11.42	11.48	11.50	11.44	11.44	11.40	11.30	11.26	0.2%
Petroleum Products 2/	8.43	10.86	10.57	9.69	10.41	10.69	10.89	11.05	11.17	11.23	11.19	11.25	11.28	11.28	11.42	11.48	11.50	11.44	11.44	11.40	11.30	11.26	0.2%
Distillate Fuel 6/	8.36	10.81	10.48	9.84	10.14	10.36	10.56	10.75	11.28	11.44	11.25	11.47	11.66	11.58	11.53	11.47	11.38	11.33	11.30	11.24	11.22	11.18	0.2%
Jet Fuel 7/	4.81	7.86	5.93	5.69	6.36	6.63	6.86	6.79	6.93	7.12	7.25	7.30	7.43	7.48	7.49	7.48	7.47	7.46	7.46	7.46	7.45	7.45	0.1%
Motor Gasoline 8/	9.67	12.20	12.15	10.98	11.86	12.17	12.36	12.58	12.55	12.58	12.57	12.57	12.53	12.55	12.78	12.91	12.98	12.93	12.95	12.92	12.77	12.72	0.2%
Residual Fuel	2.59	4.38	3.50	3.21	4.07	4.29	4.48	4.49	4.50	4.51	4.53	4.54	4.54	4.56	4.57	4.58	4.59	4.60	4.61	4.61	4.61	4.61	0.2%
Liquefied Petroleum Gas 9/	13.09	15.91	14.05	13.80	14.80	14.99	15.33	15.52	15.52	15.64	15.68	15.62	15.68	15.78	15.67	15.72	15.68	15.72	15.67	15.61	15.60	15.58	-0.1%
Natural Gas 10/	6.14	8.04	8.26	6.14	6.47	6.70	6.84	6.92	6.99	7.09	7.11	7.12	7.16	7.17	7.20	7.26	7.32	7.39	7.41	7.42	7.44	7.43	-0.4%
Ethanol (E85) 11/	14.78	17.33	17.33	17.33	20.24	20.73	21.15	21.58	21.50	21.53	21.51	21.53	21.53	21.57	21.93	22.17	22.29	22.27	22.34	22.34	22.11	21.86	1.2%
Electricity	20.95	21.79	21.05	20.24	18.33	17.56	16.79	16.46	16.89	17.53	18.03	18.48	18.93	19.07	19.37	19.48	19.50	19.32	19.09	18.77	18.41	17.96	-1.0%
Average End-Use Energy	8.64	10.40	10.40	9.23	9.68	9.91	10.06	10.12	10.17	10.24	10.25	10.31	10.38	10.38	10.48	10.53	10.57	10.60	10.64	10.65	10.64	10.63	0.1%
Primary Energy	6.41	8.41	8.25	7.09	7.73	7.98	8.18	8.27	8.36	8.42	8.43	8.48	8.54	8.57	8.68	8.73	8.77	8.79	8.78	8.75	8.74	8.74	0.2%
Electricity	19.72	20.21	20.69	19.72	19.17	19.20	19.05	18.89	18.77	18.85	18.84	18.98	18.98	18.91	18.85	18.79	18.83	18.91	19.03	19.07	19.13	19.12	-0.3%
Electricity Generators 12/																							
Fossil Fuel Average	1.51	1.88	1.86	1.48	1.57	1.62	1.63	1.62	1.62	1.64	1.65	1.67	1.71	1.70	1.71	1.75	1.77	1.78	1.80	1.82	1.83	1.82	-0.2%
Petroleum Products	2.59	4.34	3.93	3.74	4.67	4.88	5.17	5.17	5.25	5.33	5.37	5.43	5.51	5.51	5.47	5.44	5.47	5.50	5.48	5.42	5.40	5.45	1.1%
Distillate Fuel	4.22	6.89	5.93	5.21	5.73	5.98	6.23	6.17	6.20	6.18	6.30	6.40	6.43	6.54	6.75	6.81	6.89	6.94	6.88	6.92	6.97	6.99	0.1%
Residual Fuel	2.45	4.11	3.77	3.45	4.24	4.44	4.65	4.64	4.67	4.71	4.71	4.72	4.77	4.76	4.72	4.71	4.71	4.71	4.71	4.71	4.71	4.71	0.7%
Natural Gas	2.64	4.40	4.39	2.61	3.00	3.26	3.39	3.45	3.51	3.58	3.59	3.60	3.65	3.66	3.69	3.75	3.82	3.87	3.93	3.99	3.99	3.99	-0.5%
Steam Coal	1.22	1.20	1.19	1.16	1.16	1.15	1.12	1.11	1.10	1.08	1.07	1.07	1.05	1.04	1.03	1.01	1.00	0.99	0.99	0.99	0.99	0.97	-1.1%

Table 3. Energy Prices by Sector and Source (2 of 2)
(2000 Dollars per Million Btu, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020	
Average Price to All Users 13/																								
Petroleum Products 2/	7.55	10.05	9.37	8.76	9.61	9.87	10.10	10.33	10.33	10.38	10.38	10.44	10.51	10.53	10.67	10.72	10.74	10.70	10.70	10.67	10.61	10.58	0.3%	
Distillate Fuel	7.36	9.93	9.41	8.89	9.26	9.50	9.74	9.87	10.29	10.41	10.32	10.53	10.70	10.68	10.70	10.67	10.63	10.61	10.59	10.56	10.56	10.54	0.3%	
Jet Fuel	4.81	7.36	5.93	5.69	6.36	6.63	6.86	6.79	6.93	6.97	7.03	7.12	7.25	7.30	7.43	7.48	7.49	7.48	7.47	7.46	7.46	7.45	0.1%	
Liquefied Petroleum Gas	9.12	12.06	8.60	8.32	9.82	9.89	10.27	10.36	10.40	10.42	10.46	10.48	10.66	10.71	10.72	10.74	10.72	10.76	10.74	10.75	10.75	10.75	-0.6%	
Motor Gasoline 8/	9.67	12.20	12.15	10.98	11.86	12.17	12.36	12.58	12.65	12.58	12.57	12.57	12.53	12.55	12.78	12.91	12.98	12.93	12.95	12.92	12.77	12.72	0.2%	
Residual Fuel	2.95	4.11	3.65	3.21	4.13	4.35	4.53	4.54	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.65	4.65	4.66	4.66	4.66	4.66	4.66	0.6%	
Natural Gas	4.15	5.43	6.10	3.92	4.29	4.51	4.63	4.65	4.68	4.73	4.71	4.68	4.70	4.70	4.71	4.75	4.80	4.85	4.90	4.92	4.93	4.93	-0.5%	
Coal	1.24	1.22	1.21	1.18	1.18	1.18	1.17	1.14	1.13	1.11	1.10	1.09	1.09	1.07	1.06	1.05	1.04	1.04	1.02	1.01	1.01	1.01	0.99	-1.0%
Ethanol (E85) 11/	14.78	17.33	17.33	17.33	20.24	20.73	21.15	21.56	21.50	21.53	21.51	21.53	21.53	21.57	21.93	22.17	22.29	22.27	22.34	22.34	22.11	21.86	1.2%	
Electricity	19.72	20.21	20.69	19.72	19.17	19.20	19.05	18.89	18.77	18.85	18.84	18.88	18.98	18.81	18.85	18.79	18.83	18.91	19.03	19.07	18.13	18.12	-0.3%	
Non-Renewable Energy Expenditures by Sector (billion 2000 dollars)																								
Residential	138.85	153.45	163.10	148.55	152.10	155.74	157.07	158.28	159.38	161.77	162.65	164.12	166.39	167.71	169.10	170.84	173.09	176.00	178.11	180.40	182.81	185.26	0.9%	
Commercial	100.72	112.09	120.75	109.49	112.27	116.38	118.65	119.75	121.42	124.31	126.63	129.33	132.91	136.58	140.62	143.87	147.04	150.45	153.31	156.42	158.91	158.91	1.8%	
Industrial	113.77	142.89	123.94	111.09	123.94	129.33	134.60	136.04	138.39	141.91	144.04	147.14	151.71	153.76	156.89	159.16	161.37	163.77	166.24	168.92	171.41	173.24	1.0%	
Transportation	217.56	288.38	282.61	264.55	291.54	305.32	317.61	328.13	338.13	347.17	353.87	363.67	372.96	380.11	391.72	399.13	408.92	414.61	418.90	421.59	425.17	425.17	2.0%	
Total Non-Renewable Expenditures	570.91	696.79	690.39	633.68	679.85	706.76	727.84	742.21	757.32	774.55	787.20	804.26	823.97	836.17	855.70	869.75	883.25	895.74	909.41	921.52	932.23	942.59	1.5%	
Transportation Renewable Expenditures	0.17	0.31	0.37	0.35	0.41	0.48	0.53	0.59	0.63	0.68	0.73	0.77	0.81	0.85	0.91	0.95	0.98	1.01	1.04	1.06	1.08	1.10	6.6%	
Total Expenditures	571.07	697.10	690.76	634.03	680.27	707.24	728.37	742.79	757.95	775.23	787.93	805.03	824.78	837.02	856.61	870.69	884.24	896.75	910.45	922.58	933.31	943.69	1.5%	

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

13/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Note: Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999.

http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma_historical.html (August 2000). 2000 prices for gasoline, distillate, and jet fuel are based on the preliminary Petroleum Marketing Annual 2000, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pd/pma00.pdf.

1999 and 2000 prices for all other petroleum products are derived from the EIA, State Energy Price and Expenditure Report 1997, DOE/EIA-0376(97).

(Washington, DC, July 2000). 1999 residential, commercial, and transportation natural gas delivered prices: EIA, Natural Gas Annual 1999, DOE/EIA-013(1999).

(Washington, DC, October 2000). 1999 electric generators natural gas delivered prices: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," 1999 and 2000 industrial gas delivered prices are based on EIA, Manufacturing Energy Consumption Survey 1994. 2000 residential and commercial natural gas delivered prices: EIA, Natural Gas Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001). 1999 and 2000 coal prices based on EIA, Quarterly Coal Report, DOE/EIA-0121(2000/4Q) (Washington, DC, October-December 2000) and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. 1999 residential electricity prices derived from EIA, Short-Term Energy Outlook, October 2001, http://www.eia.doe.gov/pub/forecasting/steo/steo01oct01.pdf. 1999 and 2000 electricity prices for commercial, industrial, and transportation: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 4. Residential Sector Key Indicators and Consumption (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Key Indicators																							
Households (millions)																							
Single-Family	75.67	76.57	77.49	78.41	79.32	80.22	81.14	82.06	82.98	83.90	84.83	85.78	86.74	87.67	88.57	89.47	90.38	91.29	92.22	93.15	94.08	95.01	1.1%
Multifamily	21.79	21.97	22.13	22.26	22.37	22.47	22.57	22.67	22.77	22.87	22.99	23.12	23.25	23.38	23.50	23.62	23.74	23.87	24.02	24.19	24.36	24.55	0.6%
Mobile Homes	6.59	6.61	6.57	6.55	6.56	6.58	6.63	6.68	6.74	6.82	6.88	6.95	7.01	7.05	7.08	7.11	7.13	7.16	7.18	7.21	7.24	7.26	0.5%
Total	104.05	105.15	106.18	107.22	108.24	109.28	110.34	111.40	112.49	113.59	114.71	115.85	117.00	118.09	119.15	120.20	121.26	122.32	123.42	124.55	125.68	126.82	0.9%
Average House Square Footage	1673	1678	1684	1690	1695	1701	1707	1713	1718	1724	1729	1735	1740	1746	1751	1756	1761	1767	1772	1777	1782	1786	0.3%
Energy Intensity																							
(Million Btu per household)																							
Delivered Energy Consumption	102.5	105.2	106.0	107.5	108.6	109.8	107.8	107.3	106.8	106.7	106.0	105.7	105.6	105.8	105.5	105.5	105.4	105.5	105.1	105.1	105.2	105.6	0.0%
Total Energy Consumption	193.6	198.8	190.7	193.2	196.4	195.5	194.7	193.2	192.3	190.9	190.3	189.8	190.3	190.1	190.1	190.1	190.2	189.9	189.5	189.8	189.5	190.5	0.0%
(thousand Btu per square foot)																							
Delivered Energy Consumption	61.3	62.7	63.0	63.6	64.1	63.9	63.2	62.6	62.2	61.9	61.3	60.9	60.7	60.6	60.3	60.1	59.8	59.7	59.3	59.2	59.0	59.1	-0.3%
Total Energy Consumption	109.8	112.5	113.3	114.4	115.8	115.5	114.8	113.7	112.4	111.6	110.4	109.7	109.1	109.0	108.6	108.3	107.9	107.7	107.0	106.7	106.5	106.7	-0.3%
Delivered Energy Consumption by Fuel																							
Electricity																							
Space Heating	0.39	0.42	0.43	0.43	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.52	0.53	0.54	1.2%
Space Cooling	0.55	0.56	0.57	0.57	0.58	0.59	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.65	0.65	0.67	0.68	0.69	0.70	0.72	0.73	0.75	1.4%
Water Heating	0.40	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.40	-0.2%
Refrigeration	0.43	0.43	0.43	0.42	0.40	0.39	0.38	0.37	0.36	0.36	0.35	0.34	0.34	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	-1.4%
Cooking	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	1.0%
Clothes Dryers	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	1.0%
Freezers	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.5%
Lighting	0.34	0.35	0.36	0.36	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.45	0.46	0.47	0.48	0.48	0.49	0.49	0.50	0.50	0.51	0.51	1.9%
Clothes Washers 1/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.1%
Dishwashers 1/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.1%
Color Televisions	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.23	0.23	0.23	0.24	0.24	0.25	0.26	3.4%
Personal Computers	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	4.5%
Runtime Fans	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	1.9%
Other Uses 2/	1.06	1.14	1.22	1.30	1.40	1.46	1.50	1.54	1.58	1.62	1.66	1.70	1.75	1.80	1.84	1.89	1.94	1.98	2.02	2.06	2.10	2.15	3.2%
Delivered Energy	3.91	4.07	4.20	4.30	4.44	4.54	4.61	4.66	4.72	4.79	4.84	4.90	4.97	5.06	5.12	5.20	5.26	5.37	5.43	5.50	5.59	5.69	1.7%
Natural Gas																							
Space Heating	3.20	3.44	3.46	3.59	3.66	3.69	3.67	3.69	3.71	3.74	3.75	3.78	3.82	3.87	3.89	3.93	3.96	4.00	4.03	4.07	4.12	4.19	1.0%
Space Cooling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.1%
Water Heating	1.28	1.32	1.33	1.37	1.41	1.42	1.41	1.42	1.42	1.42	1.43	1.44	1.45	1.45	1.45	1.45	1.45	1.44	1.45	1.45	1.45	1.46	0.5%
Cooking	0.19	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25	1.2%
Clothes Dryers	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	1.9%
Other Uses 3/	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.4%
Delivered Energy	4.86	5.14	5.19	5.37	5.47	5.52	5.50	5.51	5.54	5.58	5.59	5.63	5.68	5.75	5.78	5.82	5.85	5.90	5.92	5.97	6.03	6.10	0.9%
Distillate																							
Space Heating	0.68	0.70	0.74	0.73	0.72	0.71	0.69	0.68	0.68	0.65	0.64	0.63	0.62	0.62	0.61	0.60	0.60	0.59	0.59	0.58	0.58	0.58	-1.0%
Water Heating	0.13	0.12	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	-1.2%
Other Uses 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Delivered Energy	0.81	0.82	0.87	0.86	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.74	0.73	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67	0.67	-1.0%
Liquefied Petroleum Gas																							
Space Heating	0.36	0.33	0.30	0.31	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.26	0.26	0.26	-1.1%
Water Heating	0.12	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	-1.5%
Cooking	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.4%
Other Uses 5/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.5%
Delivered Energy	0.53	0.47	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.40	0.40	0.39	0.39	0.38	0.38	0.38	0.37	-1.1%

Table 4. Residential Sector Key Indicators and Consumption (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020- 2020	
Marketed Renewables (wood) 5/	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.3%	
Other Fuels 6/	0.15	0.13		0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	-0.9%
Delivered Energy Consumption by End-Use																								
Space Heating	5.20	5.45	5.50	5.63	5.68	5.70	5.66	5.67	5.68	5.71	5.71	5.73	5.77	5.82	5.83	5.86	5.89	5.93	5.95	6.00	6.05	6.12	6.12	0.6%
Space Cooling	0.55	0.56	0.57	0.57	0.58	0.60	0.60	0.61	0.61	0.62	0.63	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.72	0.73	0.75	0.75	1.4%
Water Heating	1.93	1.95	1.97	2.01	2.05	2.08	2.05	2.04	2.05	2.04	2.05	2.04	2.05	2.04	2.04	2.04	2.03	2.02	2.02	2.02	2.02	2.02	2.02	0.2%
Refrigeration	0.43	0.43	0.43	0.42	0.40	0.39	0.38	0.37	0.36	0.36	0.35	0.34	0.34	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	-1.4%
Cooking	0.33	0.33	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	1.0%
Clothes Dryers	0.29	0.29	0.30	0.31	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.38	0.38	1.2%
Freezers	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.5%
Lighting	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.45	0.46	0.47	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.51	1.8%
Clothes Washers	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.1%
Dishwashers	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.1%
Color Televisions	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.26	3.4%
Personal Computers	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	4.5%
Furnace Fans	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	1.8%
Other Uses 7/	1.18	1.27	1.35	1.43	1.53	1.59	1.63	1.67	1.70	1.75	1.78	1.82	1.87	1.92	1.96	2.01	2.06	2.10	2.14	2.18	2.22	2.27	2.30	3.0%
Delivered Energy	10.67	11.06	11.26	11.53	11.76	11.88	11.90	11.95	12.01	12.11	12.16	12.25	12.35	12.50	12.57	12.68	12.78	12.91	12.97	13.09	13.22	13.40	13.40	1.0%
Electricity Related Losses	8.44	8.79	8.99	9.19	9.50	9.58	9.69	9.74	9.72	9.73	9.74	9.79	9.85	9.96	10.08	10.17	10.27	10.36	10.43	10.52	10.63	10.77	10.77	1.0%
Total Energy Consumption by End-Use																								
Space Heating	6.03	6.38	6.42	6.56	6.63	6.65	6.62	6.63	6.66	6.68	6.68	6.72	6.78	6.80	6.84	6.87	6.92	6.95	7.00	7.06	7.14	7.14	7.14	0.6%
Space Cooling	1.73	1.77	1.79	1.79	1.83	1.85	1.87	1.88	1.87	1.88	1.88	1.90	1.93	1.95	1.97	1.99	2.03	2.05	2.08	2.12	2.16	2.16	2.16	1.0%
Water Heating	2.80	2.83	2.85	2.90	2.94	2.95	2.93	2.93	2.98	2.97	2.96	2.96	2.96	2.95	2.94	2.92	2.91	2.79	2.78	2.77	2.77	2.77	2.77	-0.1%
Refrigeration	1.37	1.36	1.35	1.31	1.27	1.22	1.18	1.15	1.11	1.08	1.05	1.03	1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.93	0.93	0.93	0.93	1.9%
Cooking	0.55	0.56	0.58	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.7%
Clothes Dryers	0.76	0.78	0.79	0.81	0.82	0.83	0.84	0.84	0.84	0.84	0.85	0.85	0.86	0.86	0.86	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.89	0.7%
Freezers	0.38	0.37	0.36	0.34	0.33	0.32	0.30	0.29	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	-1.9%
Lighting	1.08	1.11	1.14	1.18	1.22	1.25	1.28	1.30	1.31	1.32	1.33	1.35	1.36	1.38	1.39	1.40	1.42	1.43	1.43	1.44	1.45	1.46	1.46	1.4%
Clothes Washers	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-0.6%
Dishwashers	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.7%
Color Televisions	0.39	0.42	0.44	0.46	0.49	0.51	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.62	0.64	0.65	0.66	0.68	0.69	0.71	0.73	0.75	0.75	3.0%
Personal Computers	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.31	0.31	0.31	4.1%
Furnace Fans	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	1.3%
Other Uses 7/	3.47	3.73	3.97	4.21	4.53	4.67	4.79	4.88	4.96	5.04	5.12	5.22	5.33	5.47	5.59	5.70	5.82	5.93	6.01	6.11	6.22	6.35	6.35	2.7%
Total	19.10	19.85	20.25	20.72	21.26	21.47	21.58	21.69	21.73	21.84	21.90	22.04	22.21	22.48	22.65	22.85	23.05	23.26	23.40	23.61	23.85	24.16	24.16	1.0%
Non-Marketed Renewables																								
Geothermal 8/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	4.7%
Solar 9/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	2.9%
Total	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	3.3%

1/ Does not include electric water heating portion of load.

2/ Includes small electric devices, heating elements, and motors.

3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).

4/ Includes such appliances as swimming pool and hot tub heaters.

5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 1997.

6/ Includes kerosene and coal.

7/ Includes all other uses listed above.

8/ Includes primary energy displaced by geothermal heat pumps in space heating and cooling applications.

9/ Includes primary energy displaced by solar thermal water heaters and electricity generated using photovoltaics.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Source: 1999 and 2000: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001. <http://www.eia.doe.gov/pub/forecasting/sto/02does/oc01.pdf>.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 5. Commercial Sector Key Indicators and Consumption (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Delivered Energy Consumption by End-Use																							
Space Heating 1/	1.78	1.88	1.85	1.93	1.99	2.01	2.01	2.03	2.04	2.06	2.07	2.09	2.11	2.13	2.15	2.16	2.17	2.19	2.20	2.22	2.23	2.25	0.9%
Space Cooling 1/	0.48	0.47	0.49	0.47	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	1.1%
Water Heating 1/	0.87	0.87	0.86	0.89	0.92	0.94	0.95	0.96	0.97	0.99	1.00	1.02	1.03	1.05	1.06	1.07	1.09	1.10	1.11	1.12	1.13	1.14	1.4%
Ventilation	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.23	1.2%
Cooking	0.24	0.24	0.24	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.32	0.32	1.4%
Lighting	1.22	1.24	1.25	1.27	1.29	1.32	1.34	1.35	1.37	1.38	1.40	1.41	1.43	1.45	1.46	1.48	1.49	1.50	1.51	1.51	1.52	1.53	1.1%
Refrigeration	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24	0.24	1.2%
Office Equipment (PC)	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.28	0.29	0.31	0.32	0.33	0.33	0.34	0.35	0.35	0.35	0.35	0.35	0.35	0.35	4.6%
Office Equipment (non-PC)	0.30	0.32	0.34	0.35	0.37	0.39	0.41	0.43	0.45	0.48	0.50	0.52	0.54	0.57	0.60	0.62	0.65	0.67	0.70	0.73	0.75	0.78	4.8%
Other Uses 7/	2.32	2.53	2.62	2.65	2.74	2.81	2.87	2.94	3.00	3.07	3.15	3.23	3.31	3.39	3.48	3.57	3.66	3.76	3.85	3.95	4.05	4.16	2.5%
Delivered Energy	7.70	8.07	8.18	8.30	8.65	8.85	8.99	9.14	9.31	9.47	9.63	9.81	9.99	10.17	10.36	10.54	10.71	10.88	11.04	11.22	11.59	11.57	1.6%
Electricity Related Losses	8.13	8.43	8.56	8.70	8.98	9.14	9.34	9.51	9.62	9.71	9.86	10.01	10.16	10.34	10.56	10.73	10.87	11.00	11.16	11.30	11.45	11.60	1.6%
Total Energy Consumption by End-Use																							
Space Heating 1/	2.09	2.20	2.17	2.26	2.31	2.34	2.34	2.35	2.37	2.38	2.39	2.41	2.43	2.45	2.46	2.48	2.49	2.50	2.52	2.53	2.54	2.56	0.8%
Space Cooling 1/	1.48	1.45	1.50	1.44	1.47	1.48	1.49	1.50	1.50	1.51	1.51	1.52	1.52	1.53	1.55	1.56	1.57	1.57	1.58	1.59	1.60	1.61	0.5%
Water Heating 1/	1.19	1.19	1.18	1.21	1.25	1.26	1.27	1.28	1.30	1.31	1.32	1.33	1.35	1.36	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.0%
Ventilation	0.55	0.56	0.57	0.58	0.59	0.59	0.60	0.61	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.8%
Cooking	0.31	0.31	0.30	0.31	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	1.0%
Lighting	3.86	3.91	3.92	3.98	4.06	4.10	4.14	4.17	4.19	4.19	4.21	4.24	4.26	4.30	4.34	4.37	4.39	4.39	4.40	4.41	4.42	4.43	0.6%
Refrigeration	0.58	0.59	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.67	0.67	0.68	0.68	0.68	0.69	0.69	0.8%
Office Equipment (PC)	0.43	0.49	0.56	0.62	0.68	0.73	0.78	0.82	0.86	0.89	0.92	0.95	0.97	0.99	1.01	1.02	1.03	1.03	1.03	1.03	1.03	1.02	3.7%
Office Equipment (non-PC)	0.94	1.00	1.06	1.08	1.15	1.21	1.28	1.34	1.39	1.44	1.50	1.56	1.63	1.69	1.77	1.84	1.91	1.97	2.04	2.11	2.18	2.25	4.2%
Other Uses 7/	4.41	4.79	4.90	4.99	5.17	5.32	5.46	5.61	5.74	5.88	6.03	6.20	6.37	6.55	6.75	6.94	7.13	7.32	7.52	7.72	7.92	8.13	2.7%
Total	15.84	16.46	16.74	17.08	17.63	17.99	18.33	18.66	18.92	19.18	19.49	19.82	20.14	20.52	20.91	21.27	21.58	21.88	22.20	22.51	22.84	23.17	1.7%
Non-Marketed Renewable Fuels																							
Solar 8/	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%
Total	0.02	0.02	0.02	0.02	0.03	1.2%																	

1/ Includes fuel consumption for district services.

2/ Includes miscellaneous uses, such as service station equipment, automated teller machines, telecommunications equipment, and medical equipment.

3/ Excludes estimated consumption from independent power producers.

4/ Includes miscellaneous uses, such as pumps, emergency electric generators, cogeneration in commercial buildings, and manufacturing performed in commercial buildings.

5/ Includes miscellaneous uses, such as cooking, emergency electric generators, and cogeneration in commercial buildings.

6/ Includes residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

7/ Includes miscellaneous uses, such as service station equipment, automated teller machines, telecommunications equipment, medical equipment, pumps, lighting, emergency electric generators, cogeneration in commercial buildings, manufacturing performed in commercial buildings, and cooking (distillate), plus residual fuel

oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

8/ Includes primary energy displaced by solar thermal space heating and water heating, and electricity generation by solar photovoltaic systems.

Btu = British thermal unit.

PC = Personal computer.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Source: 1999 and 2000: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/sto/odstoes/oct01.pdf>.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 6. Industrial Sector Key Indicators and Consumption (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Key Indicators																								
Value of Gross Output (billion 1992 dollars)																								
Manufacturing	3804	4022	3917	4054	4225	4364	4526	4680	4847	5001	5167	5369	5566	5730	5893	6042	6190	6338	6504	6677	6840	6977	2.8%	
Nonmanufacturing	990	1039	1053	1050	1081	1102	1125	1132	1142	1163	1186	1212	1232	1249	1274	1300	1327	1346	1366	1396	1424	1451	1451	1.7%
Total	4794	5062	4969	5104	5306	5466	5651	5812	5989	6164	6354	6581	6798	6979	7167	7341	7517	7684	7870	8073	8264	8428	2.6%	
Energy Prices (2000 dollars / million Btu)																								
Electricity	13.00	13.50	13.66	13.05	12.82	12.91	12.89	12.71	12.62	12.71	12.73	12.81	12.90	12.81	12.86	12.85	12.89	12.94	13.08	13.14	13.19	13.20	-0.1%	
Natural Gas	3.00	4.31	4.62	2.66	3.06	3.32	3.47	3.52	3.58	3.65	3.67	3.68	3.72	3.72	3.74	3.80	3.86	3.91	3.97	4.00	4.02	4.03	-0.3%	
Steam Coal	1.43	1.41	1.41	1.39	1.38	1.37	1.37	1.36	1.34	1.33	1.32	1.31	1.30	1.29	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.23	-0.7%	
Residual Oil	2.75	3.27	3.73	3.44	4.21	4.43	4.61	4.62	4.63	4.64	4.66	4.67	4.68	4.68	4.70	4.71	4.73	4.74	4.76	4.76	4.77	4.77	1.9%	
Distillate Oil	4.71	7.21	5.99	5.76	6.38	6.63	6.88	6.79	6.84	6.79	6.82	7.07	7.15	7.23	7.50	7.57	7.65	7.70	7.68	7.73	7.79	7.81	0.4%	
Liquefied Petroleum Gas	8.77	11.73	7.72	7.47	9.01	9.08	9.47	9.54	9.80	9.81	9.85	9.88	9.91	9.97	10.00	10.02	10.01	10.06	10.04	10.05	10.07	10.08	-0.8%	
Motor Gasoline	9.81	12.18	12.11	10.93	11.81	12.12	12.32	12.55	12.51	12.54	12.52	12.49	12.51	12.75	12.88	12.96	12.91	12.94	12.91	12.94	12.76	12.70	0.2%	
Metallurgical Coal	1.71	1.62	1.65	1.64	1.63	1.62	1.61	1.61	1.61	1.59	1.59	1.57	1.57	1.56	1.55	1.55	1.53	1.53	1.52	1.51	1.50	1.49	-0.5%	
Energy Consumption																								
Consumption 1/																								
Purchased Electricity	3.61	3.65	3.49	3.51	3.63	3.71	3.80	3.88	3.97	4.04	4.11	4.20	4.20	4.36	4.42	4.48	4.53	4.59	4.65	4.72	4.78	4.83	1.4%	
Natural Gas 2/	9.95	9.79	9.94	9.90	10.21	10.44	10.60	10.82	10.91	11.10	11.20	11.37	11.50	11.62	11.77	11.88	12.01	12.06	12.16	12.29	12.39	12.48	1.2%	
Steam Coal	1.69	1.69	1.69	1.65	1.68	1.71	1.73	1.74	1.75	1.75	1.76	1.77	1.78	1.78	1.78	1.78	1.80	1.81	1.82	1.84	1.85	1.86	0.5%	
Metallurgical Coal and Coke 3/	0.81	0.84	0.76	0.77	0.77	0.77	0.76	0.76	0.76	0.76	0.75	0.75	0.74	0.74	0.73	0.72	0.72	0.71	0.71	0.70	0.70	0.69	-1.0%	
Residual Fuel	0.25	0.27	0.19	0.16	0.15	0.16	0.17	0.19	0.20	0.22	0.22	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.23	0.23	0.23	0.23	-0.8%	
Distillate	1.08	1.11	1.10	1.10	1.12	1.13	1.15	1.15	1.15	1.17	1.18	1.20	1.22	1.23	1.25	1.26	1.28	1.29	1.30	1.33	1.35	1.36	1.0%	
Liquefied Petroleum Gas	2.26	2.36	2.20	2.34	2.29	2.41	2.44	2.45	2.48	2.50	2.53	2.57	2.68	2.72	2.76	2.77	2.81	2.82	2.85	2.88	2.91	2.91	1.0%	
Petrochemical Feedstocks	1.31	1.32	1.15	1.28	1.31	1.33	1.35	1.37	1.39	1.41	1.43	1.44	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	0.9%	
Other Petroleum 4/	4.50	4.17	4.19	4.33	4.44	4.48	4.55	4.59	4.77	4.81	4.90	5.00	5.07	5.08	5.11	5.17	5.21	5.26	5.30	5.36	5.41	5.45	1.3%	
Renewables 5/	2.29	2.41	2.41	2.47	2.53	2.58	2.65	2.71	2.77	2.78	2.83	2.88	2.96	3.02	3.07	3.12	3.17	3.23	3.28	3.33	3.38	3.42	1.8%	
Delivered Energy	27.75	27.62	28.22	27.51	28.53	28.71	29.19	29.64	30.14	30.52	30.91	31.39	31.92	32.26	32.62	32.93	33.23	33.51	33.82	34.20	34.52	34.81	1.2%	
Electricity Related Losses	7.80	7.89	7.48	7.51	7.76	7.82	7.98	8.09	8.17	8.21	8.28	8.36	8.52	8.60	8.70	8.76	8.81	8.85	8.93	9.02	9.09	9.15	0.7%	
Total	35.54	35.50	33.69	35.02	36.09	36.53	37.17	37.74	38.31	38.74	39.19	39.79	40.44	40.86	41.32	41.69	42.04	42.37	42.75	43.21	43.62	43.96	1.1%	
Consumption / Unit of Output 1/																								
(thousand Btu / 1992 dollar)																								
Purchased Electricity	0.75	0.72	0.70	0.69	0.68	0.68	0.67	0.67	0.66	0.66	0.65	0.64	0.63	0.62	0.62	0.61	0.60	0.60	0.59	0.58	0.58	0.57	-1.1%	
Natural Gas 2/	2.07	1.93	1.82	1.94	1.94	1.91	1.88	1.86	1.82	1.80	1.76	1.73	1.69	1.67	1.64	1.62	1.60	1.57	1.55	1.52	1.50	1.48	-1.3%	
Steam Coal	0.35	0.33	0.34	0.32	0.32	0.31	0.31	0.30	0.29	0.28	0.28	0.27	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	-2.1%	
Metallurgical Coal and Coke 3/	0.17	0.17	0.15	0.15	0.15	0.14	0.13	0.13	0.12	0.12	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.08	-3.5%	
Residual Fuel	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-3.3%	
Distillate	0.23	0.22	0.22	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	-1.5%	
Liquefied Petroleum Gas	0.47	0.47	0.44	0.46	0.45	0.44	0.43	0.42	0.41	0.40	0.40	0.39	0.39	0.39	0.38	0.38	0.38	0.37	0.37	0.36	0.35	0.34	-1.5%	
Petrochemical Feedstocks	0.27	0.26	0.23	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.23	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.19	0.19	0.19	-1.8%	
Other Petroleum 4/	0.94	0.82	0.84	0.85	0.84	0.82	0.80	0.79	0.80	0.78	0.77	0.76	0.75	0.73	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.65	-1.2%	
Renewables 5/	0.48	0.48	0.48	0.48	0.48	0.47	0.47	0.47	0.46	0.45	0.45	0.44	0.44	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	-0.8%	
Delivered Energy	5.79	5.46	5.28	5.29	5.24	5.25	5.17	5.10	5.03	4.95	4.87	4.77	4.70	4.62	4.55	4.49	4.42	4.36	4.30	4.24	4.18	4.13	-1.4%	
Electricity Related Losses	1.63	1.56	1.50	1.47	1.46	1.43	1.41	1.39	1.36	1.33	1.30	1.28	1.25	1.23	1.21	1.19	1.17	1.15	1.14	1.12	1.10	1.09	-1.8%	
Total	7.41	7.01	6.78	6.86	6.80	6.68	6.58	6.49	6.40	6.28	6.17	6.05	5.95	5.85	5.77	5.68	5.59	5.51	5.43	5.35	5.28	5.22	-1.5%	

1/ Fuel consumption includes consumption for cogeneration.

2/ Includes lease and plant fuel.

3/ Includes net coke coal imports.

4/ Includes petroleum coke, asphalt, road oil, lubricants, motor gasoline, still gas, and miscellaneous petroleum products.

5/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Table 6. Industrial Sector Key Indicators and Consumption (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

Sources: 1999 prices for gasoline and distillate are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma_historical.html (August 2000). 2000 prices for gasoline and distillate are based on the preliminary Petroleum Marketing Annual 2000, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pdf/pma01.pdf. 1999 and 2000 coal prices are based on EIA, Quarterly Coal Report, DOE/EIA-912(2000/4Q) (Washington, DC, October-December 2000), and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. 1999 and 2000 electricity prices: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Other 1999 values and other 2000 prices derived from EIA, State Energy Data Report 1999, DOE/EIA-Q214(99) (Washington, DC, May 2001). Other 2000 values: EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steo/oldsteo/oct01.pdf>. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption (1 of 2)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Key Indicators																							
Level of Travel (billions)																							
Light-Duty Vehicles <8500 pounds (VMT)	2305	2340	2405	2470	2523	2579	2639	2692	2751	2816	2886	2965	3027	3096	3166	3219	3272	3335	3385	3456	3525	3586	2.2%
Commercial Light Trucks (VMT) 1/	67	70	69	70	73	75	77	79	81	84	86	88	91	94	96	98	100	102	105	107	110	112	2.4%
Freight Trucks >10000 pounds (VMT)	201	214	220	225	234	241	249	255	262	268	276	284	293	301	308	315	322	329	337	345	352	359	2.6%
Air (seat miles available)	1137	1164	1150	1175	1215	1255	1301	1348	1396	1456	1523	1592	1666	1732	1799	1866	1939	2016	2096	2175	2256	2333	3.4%
Rail (ton miles traveled)	1362	1415	1502	1492	1532	1567	1606	1644	1677	1701	1731	1764	1814	1845	1866	1891	1919	1960	1992	2021	2056	2096	2.0%
Domestic Shipping (ton miles traveled)	665	689	706	710	726	734	743	752	761	773	784	798	816	829	843	854	867	881	893	906	918	930	1.5%
Energy Efficiency Indicators																							
New Light-Duty Vehicle (MPG) 2/	24.0	24.5	24.8	24.5	25.3	25.2	25.3	25.4	25.5	25.8	25.7	25.9	26.0	26.2	26.4	26.6	26.9	27.0	27.2	27.4	27.6	27.7	0.6%
New Car (MPG) 2/	27.7	28.6	28.7	28.6	29.7	29.7	29.8	29.9	30.1	30.2	30.3	30.5	30.6	30.7	30.8	31.1	31.3	31.5	31.7	32.0	32.2	32.3	0.6%
New Light Truck (MPG) 2/	20.7	21.1	21.1	21.0	21.7	21.6	21.7	21.9	22.0	22.1	22.2	22.4	22.6	22.8	23.1	23.3	23.5	23.8	23.8	24.0	24.1	24.2	0.7%
Light-Duty Fleet (MPG) 3/	19.7	19.8	19.8	19.8	19.7	19.8	19.9	19.9	20.0	20.1	20.1	20.2	20.3	20.4	20.5	20.7	20.8	21.0	21.1	21.2	21.2	21.2	0.3%
New Commercial Light Truck (MPG) 1/	14.0	14.2	14.2	14.2	14.5	14.4	14.5	14.6	14.7	14.7	14.8	14.9	15.1	15.2	15.4	15.5	15.6	15.8	15.9	16.0	16.1	16.1	0.6%
Stock Commercial Light Truck (MPG) 1/	13.6	13.6	13.8	13.9	14.0	14.1	14.1	14.2	14.3	14.3	14.4	14.5	14.6	14.6	14.7	14.8	14.9	15.1	15.2	15.3	15.4	15.5	0.6%
Annual Efficiency (seat miles per gallon)	51.7	52.1	52.3	52.6	53.0	53.4	53.8	54.2	54.6	55.0	55.5	56.0	56.6	57.0	57.5	58.0	58.4	58.9	59.3	59.8	60.2	60.6	0.8%
Freight Truck Efficiency (MPG)	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	0.4%
Rail Efficiency (ton miles per thousand Btu)	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	1.0%
Domestic Shipping Efficiency (ton miles per thousand Btu)	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	0.2%
Energy Use by Mode (quadrillion Btu)																							
Light-Duty Vehicles	14.80	14.97	15.19	15.55	15.97	16.27	16.59	16.87	17.19	17.53	17.90	18.25	18.61	18.95	19.27	19.48	19.69	19.94	20.17	20.40	20.67	20.90	1.7%
Commercial Light Trucks 1/	0.61	0.64	0.62	0.64	0.65	0.67	0.68	0.70	0.71	0.73	0.75	0.77	0.79	0.80	0.82	0.83	0.84	0.85	0.86	0.88	0.89	0.90	1.7%
Freight Trucks 4/	4.55	4.80	4.91	5.00	5.17	5.32	5.48	5.60	5.74	5.89	6.06	6.22	6.40	6.54	6.66	6.75	6.84	6.94	7.04	7.14	7.23	7.32	2.1%
Air 5/	3.50	3.62	3.54	3.62	3.71	3.79	3.88	3.98	4.08	4.20	4.34	4.48	4.62	4.76	4.88	5.00	5.14	5.28	5.43	5.58	5.72	5.86	2.4%
Rail 6/	0.58	0.58	0.61	0.61	0.62	0.62	0.63	0.64	0.65	0.65	0.66	0.67	0.68	0.68	0.69	0.69	0.69	0.70	0.71	0.71	0.72	0.72	1.1%
Marine 7/	1.50	1.73	1.63	1.66	1.67	1.68	1.69	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	0.3%
Pipeline Fuel	0.75	0.79	0.79	0.77	0.80	0.80	0.80	0.81	0.82	0.83	0.84	0.86	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.2%
Lubricants	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.26	1.6%
Total	26.48	27.32	27.49	28.04	28.78	29.35	29.97	30.51	31.10	31.76	32.45	33.21	33.96	34.60	35.22	35.70	36.17	36.70	37.23	37.75	38.32	38.80	1.8%
Energy Use by Mode (million barrels per day oil equivalent)																							
Light-Duty Vehicles	7.73	7.82	7.94	8.13	8.43	8.59	8.77	8.91	9.08	9.26	9.45	9.64	9.83	10.00	10.17	10.28	10.39	10.52	10.64	10.76	10.91	11.03	1.7%
Commercial Light Trucks 1/	0.32	0.33	0.33	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.46	0.47	0.47	0.47	1.8%
Freight Trucks 4/	2.03	2.14	2.19	2.23	2.31	2.38	2.46	2.51	2.57	2.64	2.72	2.80	2.88	2.94	3.00	3.04	3.09	3.13	3.18	3.22	3.27	3.31	2.2%
Railroad	0.23	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.9%
Domestic Shipping	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	1.3%
International Shipping	0.39	0.48	0.43	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.46	-0.2%
Air 5/	1.46	1.51	1.46	1.48	1.52	1.56	1.60	1.64	1.69	1.75	1.81	1.88	1.94	2.00	2.06	2.12	2.19	2.26	2.33	2.40	2.47	2.53	2.6%
Military Use	0.29	0.30	0.31	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	1.0%
Bus Transportation	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.5%
Rail Transportation 6/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.8%
Recreational Boats	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.9%
Lubricants	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	1.6%
Pipeline Fuel	0.38	0.40	0.40	0.39	0.40	0.41	0.41	0.41	0.41	0.42	0.43	0.43	0.45	0.45	0.46	0.47	0.47	0.48	0.49	0.49	0.50	0.50	1.2%
Total	13.33	13.73	13.83	14.12	14.57	14.86	15.17	15.44	15.74	16.07	16.44	16.80	17.18	17.50	17.81	18.05	18.28	18.55	18.81	19.07	19.36	19.60	1.8%

1/ Commercial trucks 8,500 to 10,000 pounds.

2/ Environmental Protection Agency rated miles per gallon.

3/ Combined car and light truck "on-the-road" estimate.

4/ Includes energy use by buses and military distillate consumption.

5/ Includes jet fuel and aviation gasoline.

6/ Includes passenger rail.

7/ Includes military residual fuel use and recreation boats.

Btu = British thermal unit.

VMT = Vehicle miles traveled.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption (2 of 2)

MPG = Miles per gallon.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99) (Washington, DC, October 2000); Federal Highway Administration, Highway Statistics 1999 (Washington, DC, November 2000); Oak Ridge National Laboratory, Transportation Energy Data Book, 12, 13, 14, 15, 16, 17, 18, 19, and 20 (Oak Ridge, TN, September 2000); National Highway Traffic and Safety Administration, Summary of Fuel Economy Performance (Washington, DC, February 2000); EIA, Household Vehicle Energy Consumption 1994, DOE/EIA-0464(94) (Washington, DC, August 1997); U.S. Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EC97TV (Washington, DC, October 1999); EIA, Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives To Traditional Transportation Fuels 1998, http://www.eia.doe.gov/cneaf/alt_trans98/table1.html; and EIA, State Energy Data Report 1999, DOE/EIA-0214(99) (Washington, DC, May 2001). 2000: U.S. Department of Transportation, Research and Special Programs Administration, Air Carrier Statistics Monthly, December 2001/1999 (Washington, DC, 2000); EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steo/oktsteo/oct01.pdf>; EIA, Fuel Oil and Kerosene Sales 1999, DOE/EIA-0535(99) (Washington, DC, August 2000); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 8. Electricity Supply, Disposition, Prices, and Emissions (1 of 2)
(Billion Kilowatthours, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Generation by Fuel Type																							
Electricity Generators 1/																							
Coal	1837	1922	1933	1942	2000	2037	2086	2131	2176	2187	2205	2223	2234	2281	2306	2325	2352	2386	2419	2443	2477	2529	1.4%
Petroleum	110	93	111	42	30	29	24	22	20	18	18	18	18	19	21	22	22	23	23	24	25	25	-6.4%
Natural Gas 2/	363	417	441	493	535	580	611	646	695	781	810	871	944	975	1023	1081	1130	1164	1204	1250	1285	1303	5.9%
Nuclear Power	728	752	763	761	757	758	759	760	749	748	748	745	739	734	730	727	715	715	710	710	710	710	-0.3%
Pumped Storage	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.4%
Renewable Sources 3/	356	321	279	346	367	372	376	378	379	365	387	390	392	395	398	399	401	402	403	405	409	410	1.2%
Total	3392	3504	3526	3583	3687	3775	3855	3936	4019	4098	4168	4247	4327	4402	4476	4553	4619	4689	4758	4831	4905	4976	1.8%
Non-Utility Generation for Own Use	25	30	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	32	32	32	0.3%
Distributed Generation	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	4	4	5	6	6	7	8	N/A
Cogenerators 4/																							
Coal	50	46	47	47	47	48	49	49	50	50	49	49	49	49	49	49	49	49	49	49	49	49	0.3%
Petroleum	14	9	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0.7%
Natural Gas	198	209	215	221	230	236	240	244	247	252	256	261	266	272	278	283	289	295	300	307	313	320	2.2%
Other Gaseous Fuels 5/	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3.5%
Renewable Sources 3/	33	33	33	33	34	35	37	38	40	40	40	41	43	44	45	46	47	48	49	50	51	52	2.3%
Other 6/	11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0.1%
Total	315	307	315	320	334	341	348	354	359	363	369	375	382	389	396	403	410	417	424	431	439	447	1.9%
Other End-Use Generators 7/	6	4	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1.4%
Sales to Utilities	168	163	166	170	175	178	180	181	183	185	187	189	192	195	198	201	204	208	211	215	219	223	1.6%
Generation for Own Use	153	147	153	154	163	168	173	177	181	184	187	190	195	199	203	206	210	214	218	221	225	229	2.2%
Net Imports 8/	25	35	35	32	47	47	53	49	43	37	37	38	39	40	41	39	44	43	43	43	41	41	0.8%
Electricity Sales by Sector																							
Residential	1145	1193	1231	1260	1302	1331	1351	1367	1383	1404	1418	1436	1456	1482	1501	1524	1548	1573	1590	1613	1637	1667	1.7%
Commercial	1104	1144	1171	1193	1232	1269	1303	1336	1370	1402	1434	1467	1501	1536	1571	1607	1640	1671	1702	1733	1764	1795	2.3%
Industrial	1058	1071	1023	1020	1065	1086	1112	1136	1163	1185	1204	1231	1259	1277	1295	1312	1328	1345	1363	1383	1401	1416	1.4%
Transportation	17	18	18	19	19	20	21	21	22	23	23	24	25	26	27	28	29	30	31	32	31	32	3.0%
Total	3324	3426	3443	3502	3618	3706	3787	3861	3937	4013	4079	4158	4239	4321	4392	4469	4544	4617	4684	4758	4833	4910	1.8%
End-Use Prices (2000 cents per kWh) 9/																							
Residential	8.3	8.3	8.4	8.0	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	-0.4%
Commercial	7.3	7.5	7.6	7.3	7.1	7.1	7.1	7.0	6.9	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	-0.4%
Industrial	4.4	4.8	4.7	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	-0.1%
Transportation	7.1	7.4	7.2	6.9	6.3	6.0	5.7	5.6	5.8	6.0	6.2	6.3	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.3	-1.0%
All Sectors Average	6.7	6.9	7.1	6.7	6.5	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	-0.3%
Prices by Service Category																							
(2000 cents per kilowatthour)																							
Generation	4.1	4.3	4.6	4.2	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	4.0	-0.4%
Transmission	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.3%
Distribution	2.0	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	-0.3%
Emissions (million short tons)																							
Sulfur Dioxide	12.45	11.05	11.09	11.29	10.99	10.59	10.39	10.34	10.14	9.84	9.85	9.70	8.95	8.95	8.95	8.95	8.95	8.95	8.95	8.95	8.95	8.95	-1.0%
Nitrogen Oxide	5.71	4.28	4.33	4.32	4.46	3.88	3.92	3.97	4.01	4.00	4.00	4.02	4.03	4.07	4.09	4.11	4.12	4.13	4.14	4.15	4.17	4.19	-0.1%

1/ Includes grid-connected generation at all utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.

2/ Includes electricity generation by fuel cells.

3/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

4/ Cogenerators produce electricity and other useful thermal energy. Includes sales to utilities and generation for own use.

5/ Other gaseous fuels include refinery and still gas.

Table 8. Electricity Supply, Disposition, Prices, and Emissions (2 of 2)
(Billion Kilowatthours, Unless Otherwise Noted)

6/ Other includes hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.
7/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.
8/ In 1999 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity); EIA does not project future proportions for the fuel source of imported electricity.
9/ Prices represent average revenue per kilowatthour.
Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.
Sources: 1999: electric generators and cogenerators generation, sales to utilities, net imports, residential, industrial, and total electricity sales, and emissions: Energy Information Administration (EIA), Electric Power Annual 1999, Volume II, DOE/EIA-0348(99)/2 (Washington, DC, October 2000), and supporting databases. Other generators: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility" and Department of Energy, Office of Energy Efficiency and Renewable Energy estimates. Commercial and transportation electricity sales: EIA estimates based on Oak Ridge National Laboratory, Transportation Energy Data Book 20 (Oak Ridge, TN, November 2000). Prices: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b, 2000 and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 9. Electricity Generating Capability (1 of 2)
(Gigawatts)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Electricity Generators 2/																							
Capacity																							
Coal Steam	304.6	304.6	304.6	304.9	304.6	303.3	303.7	302.7	302.7	303.5	305.5	307.3	308.5	313.7	316.2	318.1	321.1	325.3	329.3	332.3	336.9	343.5	-0.6%
Other Fossil Steam 3/	135.7	135.0	134.5	133.5	132.6	130.3	127.0	123.1	116.8	115.5	115.3	114.6	113.5	113.5	113.3	113.0	112.9	112.8	112.3	112.2	112.1	111.9	0.0%
Combined Cycle	20.7	30.6	35.2	36.5	36.5	51.1	60.8	72.7	94.7	113.1	127.7	139.0	147.8	154.5	160.8	168.1	176.7	184.7	191.3	197.3	201.4	205.1	10.0%
Combustion Turbine/Diesel	63.2	77.7	81.0	80.5	88.0	99.3	104.7	116.5	121.3	123.3	125.4	128.3	128.8	129.5	133.7	140.7	146.1	151.1	155.9	162.0	167.6	170.8	4.0%
Nuclear Power	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	96.1	96.1	96.1	95.4	94.7	93.9	93.2	90.7	89.9	89.9	89.1	89.1	89.1	89.1	-0.4%
Pumped Storage	19.2	19.2	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	0.1%
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	35.2%
Renewable Sources 4/	88.9	88.1	91.4	92.8	93.7	94.5	95.3	95.8	96.1	96.5	97.0	97.3	97.8	98.1	98.7	99.2	99.8	100.4	100.7	101.1	101.4	101.5	0.7%
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.0	3.1	4.0	4.8	5.6	6.2	7.1	8.6	10.1	11.6	13.1	14.8	16.3	18.0	N/A
Total	729.6	753.8	763.8	775.5	782.8	798.2	809.6	829.5	849.4	870.9	890.7	904.6	916.5	929.2	943.0	958.3	976.5	996.7	1011.7	1028.7	1044.8	1060.1	1.7%
Cumulative Planned Additions 6/																							
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combined Cycle	0.0	0.0	4.7	5.1	5.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	N/A
Combustion Turbine/Diesel	0.0	0.0	3.3	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	N/A
Renewable Sources 4/	0.0	0.0	2.2	3.4	4.2	4.9	5.6	5.9	6.2	6.4	6.8	7.0	7.2	7.3	7.6	7.8	7.9	8.0	8.1	8.1	8.1	8.2	N/A
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	0.0	0.0	10.5	12.2	13.4	15.5	16.3	16.5	16.9	17.1	17.5	17.7	18.0	18.1	18.4	18.6	18.7	18.8	18.9	18.9	19.0	19.0	N/A
Cumulative Unplanned Additions 6/																							
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.6	3.8	5.8	7.7	8.8	14.1	16.5	18.9	22.0	26.1	30.1	34.4	38.9	45.6	N/A
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combined Cycle	0.0	0.0	0.0	0.0	0.0	13.1	22.8	34.8	56.7	75.1	89.8	101.1	109.9	116.5	122.9	130.2	138.7	148.8	163.3	169.3	163.4	167.1	N/A
Combustion Turbine/Diesel	0.0	0.0	0.0	9.7	17.9	20.9	27.8	40.1	45.2	47.4	49.7	51.4	54.8	56.1	60.7	67.7	73.1	78.1	83.0	89.2	94.8	98.9	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.4	1.8	2.3	2.8	3.1	3.3	3.7	4.1	N/A
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	2.0	3.1	4.0	4.8	5.6	6.2	7.1	8.6	10.1	11.6	13.1	14.8	16.3	18.0	N/A
Total	0.0	0.0	0.0	9.7	18.0	34.5	52.4	78.3	106.8	129.9	149.9	165.6	180.0	194.0	208.7	227.2	246.2	265.3	282.7	301.1	317.2	333.6	N/A
Cumulative Total Additions	0.0	0.0	10.5	21.9	31.4	50.0	68.7	84.9	123.7	147.1	167.4	183.3	198.0	212.2	227.1	245.7	264.9	284.2	301.6	320.0	336.2	352.6	N/A
Cumulative Retirements 7/																							
Coal Steam	0.0	0.0	0.2	0.2	0.2	1.5	2.1	4.0	4.7	5.1	5.1	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	6.8	6.8	6.8	N/A
Other Fossil Steam 3/	0.0	0.0	0.2	0.4	1.2	3.5	6.8	10.7	17.1	18.3	18.5	19.2	20.3	20.4	20.5	20.8	21.0	21.6	21.6	21.7	21.9	21.9	N/A
Combined Cycle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combustion Turbine/Diesel	0.0	0.0	0.1	0.3	1.3	3.0	4.4	5.0	5.3	5.4	5.8	6.4	7.4	8.0	8.4	8.4	8.4	8.4	8.5	8.6	8.6	8.6	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	2.3	3.0	3.8	4.5	7.0	7.8	7.8	8.6	8.6	8.6	8.6	N/A
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Total	0.0	0.0	0.5	0.9	2.7	8.1	13.5	19.8	28.8	30.7	31.2	33.2	36.0	37.5	38.7	42.0	42.9	43.0	44.4	45.8	45.9	47.1	N/A
Cogenerators 8/																							
Capacity																							
Coal	8.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	-0.2%
Petroleum	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0%
Natural Gas	33.8	35.9	37.8	38.1	38.8	39.6	40.3	41.0	41.7	42.3	42.9	43.6	44.4	45.1	45.9	46.6	47.5	48.3	49.1	49.9	50.8	51.7	1.8%
Other Gaseous Fuels	0.7	0.7	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	4.0%
Renewable Sources 4/	5.8	5.8	5.8	5.8	6.0	6.2	6.4	6.6	6.9	6.9	7.0	7.1	7.4	7.6	7.8	7.9	8.1	8.3	8.5	8.6	8.8	8.9	2.2%
Other	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0%
Total	52.2	54.7	56.7	56.9	58.1	59.1	60.0	61.0	61.9	62.5	63.1	63.9	64.9	65.9	66.9	67.9	68.9	69.9	70.9	72.0	73.0	74.2	1.5%
Cumulative Additions 6/	0.0	0.0	1.9	2.2	3.4	4.4	5.3	6.3	7.1	7.8	8.4	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.3	18.3	19.5	N/A
Other End-Use Generators 9/																							
Renewable Sources 10/	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.9%
Cumulative Additions	0.0	0.0	0.0	0.0	0.0	0.1	0																

**Table 9. Electricity Generating Capability (2 of 2)
(Gigawatts)**

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand.

2/ Includes grid-connected utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.

3/ Includes oil, gas, and dual-fired capability.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar and wind power.

5/ Primarily peak-load capacity fueled by natural gas.

6/ Cumulative additions after December 31, 2000.

7/ Cumulative total retirements after December 31, 2000.

8/ Nameplate capacity is reported for nonutilities on Form EIA-860B, "Annual Electric Generator Report - Nonutility." Nameplate capacity is designated by the manufacturer.

The nameplate capacity has been converted to the net summer capability based on historic relationships.

9/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

Excludes off-grid photovoltaics and other generators not connected to the distribution or transmission systems.

10/ See Table 17 for more detail.

N/A - Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports. Net summer capability has been estimated for nonutility generators to be consistent with capability estimates for electric utility generators.

Sources: 1999 electric utilities capability and projected planned additions: Energy Information Administration (EIA), Form EIA-860A: "Annual Electric Generator Report - Utility."

1999 nonutilities including cogenerators capability and projected planned additions: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility" and New Gen Data and Analysis, R2I Consulting/FT Energy (Boulder, CO, August 2000).

1999 other generators capability: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility," and Department of Energy, Office of Energy Efficiency and Renewable Energy estimates. 2000 and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 10. Electricity Trade (1 of 1)
(Billion Kilowatthours, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Interregional Electricity Trade																							
Gross Domestic Firm Power Sales	182.2	196.9	142.7	138.9	136.7	132.4	125.3	117.0	117.0	115.0	114.4	102.9	91.5	80.0	68.6	57.2	45.7	34.3	22.9	11.4	5.7	0.0	N/A
Gross Domestic Economy Sales	116.4	150.3	151.7	158.7	185.3	199.2	203.0	211.1	209.3	200.9	194.7	193.3	192.9	199.8	206.0	208.9	211.5	207.6	208.7	211.5	211.6	211.6	1.7%
Gross Domestic Trade	298.6	307.2	294.5	297.5	322.0	331.6	328.3	328.1	326.3	315.9	309.0	296.2	284.4	274.1	268.4	263.2	254.6	245.8	230.5	220.2	217.3	211.6	-1.8%
Gross Domestic Firm Power Sales (million 2000 dollars)	8798.5	7576.3	6893.4	6705.6	6599.8	6395.0	6050.5	5648.3	5648.2	5554.9	5522.3	4970.1	4417.8	3865.6	3313.4	2781.2	2208.9	1656.7	1104.5	552.2	276.1	0.0	N/A
Gross Domestic Economy Sales (million 2000 dollars)	3665.9	6864.2	6635.7	4695.3	6234.6	6956.8	7121.1	7224.9	6977.2	6832.9	6385.5	6373.0	6556.8	6623.2	6881.5	7217.9	7441.8	7567.9	7487.5	7567.6	7714.4	7703.9	0.6%
Gross Domestic Sales (million 2000 dollars)	12464.4	14440.4	13529.2	11400.9	12834.4	13351.8	13171.6	12874.2	12625.5	12167.8	11907.8	11343.1	10974.6	10488.8	10194.9	9979.0	9650.7	9224.5	8592.0	8119.9	7990.5	7703.9	-3.1%
International Electricity Trade																							
Firm Power Imports From Canada & Mexico 1/	19.0	23.7	16.5	14.8	13.6	11.1	10.7	6.7	6.7	6.7	6.5	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.3	0.6	0.3	0.0	N/A
Economy Imports From Canada & Mexico 1/	19.9	24.2	31.5	31.0	46.4	52.2	59.4	58.8	53.2	47.4	47.4	46.4	49.4	50.0	50.1	48.4	52.7	51.9	51.5	50.7	49.9	48.6	3.5%
Gross Imports From Canada & Mexico 1/	38.9	47.9	48.0	45.6	59.9	63.2	70.1	65.5	59.9	54.1	53.8	54.2	54.5	54.5	54.0	51.7	55.3	53.9	52.8	51.3	49.2	48.6	0.1%
Firm Power Exports To Canada & Mexico	3.0	6.6	6.5	6.5	6.0	9.7	9.7	9.7	9.7	9.7	9.7	8.7	7.8	6.8	5.8	4.8	3.9	2.9	1.9	1.0	0.5	0.0	N/A
Economy Exports To Canada & Mexico	10.5	8.4	6.5	6.8	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.9%
Gross Exports To Canada & Mexico	13.5	13.0	13.1	13.1	12.7	16.6	16.7	16.8	16.9	17.1	17.2	16.4	15.4	14.4	13.5	12.5	11.5	10.6	9.6	8.6	8.1	7.7	-2.6%

1/ Historically electricity imports were primarily from renewable resources, principally hydroelectric.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Firm Power Sales are capacity sales, meaning the delivery of the power is scheduled as part of the normal operating conditions of the affected electric systems. Economy Sales are subject to curtailment or cessation of delivery by the supplier in accordance with prior agreements or under specified conditions.

Sources: 1999 interregional firm electricity trade data: North American Electric Reliability Council (NERC), Electricity Sales and Demand Database 1999. 1999 international electricity trade data: DOE Form FE-718R, "Annual Report of International Electrical Export/Import Data." 1999 firm/economy share: National Energy Board, Annual Report 1999.

2000 and Projections: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 11. Petroleum Supply and Disposition Balance (1 of 2)
(Million Barrels per Day, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Crude Oil																							
Domestic Crude Production 1/	5.87	5.82	5.84	5.88	5.80	5.60	5.52	5.50	5.55	5.52	5.49	5.48	5.70	5.81	5.94	6.00	6.10	6.33	6.39	6.42	6.40	6.43	0.5%
Alaska	1.06	0.97	0.97	0.98	0.92	0.86	0.81	0.81	0.80	0.77	0.73	0.72	0.72	0.77	0.81	0.85	0.92	1.03	1.12	1.13	1.10	1.12	0.7%
Lower 48 States	4.82	4.85	4.87	4.90	4.88	4.73	4.71	4.69	4.75	4.75	4.77	4.77	4.98	5.04	5.13	5.15	5.18	5.29	5.27	5.29	5.30	5.32	0.5%
Net Imports	8.61	9.02	9.02	9.55	9.13	9.60	9.91	10.04	10.19	10.44	10.51	10.55	10.36	10.31	10.25	10.24	10.17	9.99	9.94	9.97	10.00	10.08	0.6%
Gross Imports	8.73	9.07	9.07	9.60	9.20	9.66	9.97	10.10	10.25	10.50	10.56	10.60	10.43	10.39	10.33	10.31	10.26	10.08	10.04	10.07	10.14	10.18	0.6%
Exports	0.12	0.05	0.05	0.05	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.10	0.10	0.10	2.4%
Other Crude Supply 2/	0.31	0.23	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Crude Supply	14.78	15.07	15.08	15.53	14.93	15.20	15.43	15.54	15.74	15.96	16.00	16.03	16.07	16.13	16.19	16.24	16.27	16.32	16.33	16.39	16.44	16.52	0.5%
Natural Gas Plant Liquids	1.85	1.91	1.81	1.90	2.11	2.14	2.15	2.20	2.22	2.28	2.32	2.39	2.46	2.51	2.56	2.62	2.66	2.70	2.75	2.80	2.85	2.88	2.1%
Other Inputs 3/	0.60	0.35	0.33	0.38	0.40	0.38	0.44	0.45	0.40	0.44	0.41	0.47	0.53	0.54	0.61	0.61	0.62	0.65	0.69	0.74	0.77	0.78	4.1%
Refinery Processing Gain 4/	0.88	0.95	0.93	0.93	0.86	0.87	0.88	0.89	0.95	0.97	0.98	0.99	0.99	1.00	0.98	0.99	1.00	1.00	1.01	1.01	1.01	1.01	0.3%
Net Product Imports 5/	1.30	1.40	1.53	1.39	1.96	1.99	2.01	2.13	2.28	2.30	2.67	2.93	3.25	3.49	3.67	3.84	4.00	4.19	4.37	4.51	4.72	4.89	6.5%
Gross Refined Prod. Imports 6/	1.73	2.04	2.16	1.96	2.24	2.38	2.39	2.53	2.89	2.86	2.90	3.09	3.37	3.55	3.69	3.86	4.07	4.29	4.46	4.60	4.80	4.96	4.6%
Unfinished Oil Imports	0.32	0.27	0.28	0.32	0.44	0.37	0.40	0.38	0.39	0.46	0.60	0.69	0.73	0.80	0.83	0.84	0.80	0.79	0.81	0.82	0.83	0.85	5.8%
Other Imports	0.08	0.08	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Exports	0.82	0.99	0.94	0.94	0.73	0.76	0.78	0.78	0.80	0.82	0.83	0.84	0.84	0.85	0.85	0.86	0.88	0.88	0.90	0.91	0.91	0.92	-0.4%
Total Primary Supply 7/	19.43	19.68	19.68	20.13	20.26	20.58	20.92	21.30	21.99	21.95	22.39	22.81	23.30	23.66	24.02	24.29	24.54	24.86	25.14	25.46	25.79	26.07	1.4%
Refined Petroleum Products Supplied																							
Motor Gasoline 8/	8.36	8.50	8.57	8.75	9.04	9.19	9.36	9.49	9.64	9.82	10.01	10.18	10.37	10.54	10.71	10.81	10.92	11.04	11.16	11.28	11.42	11.54	1.5%
Jet Fuel 9/	1.87	1.73	1.69	1.73	1.77	1.81	1.85	1.90	1.95	2.00	2.07	2.14	2.21	2.27	2.32	2.38	2.45	2.52	2.59	2.66	2.73	2.79	2.4%
Distillate Fuel 10/	3.55	3.67	3.80	3.83	3.93	4.02	4.11	4.17	4.25	4.34	4.43	4.53	4.64	4.72	4.79	4.86	4.91	4.98	5.04	5.11	5.18	5.24	1.8%
Residual Fuel	0.99	1.06	1.01	0.71	0.65	0.65	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.65	0.65	0.66	0.66	0.66	0.67	0.68	0.68	0.68	-2.1%
Other 11/	4.95	4.80	4.58	4.83	4.92	4.96	5.01	5.05	5.16	5.21	5.29	5.37	5.49	5.54	5.59	5.62	5.65	5.70	5.72	5.77	5.82	5.87	1.0%
Total	19.53	19.74	19.65	19.85	20.31	20.63	20.97	21.25	21.84	22.00	22.44	22.87	23.35	23.71	24.07	24.34	24.59	24.90	25.18	25.50	25.83	26.12	1.4%
Refined Petroleum Products Supplied																							
Residential and Commercial	1.17	1.12	1.11	1.11	1.10	1.09	1.07	1.06	1.05	1.05	1.04	1.03	1.03	1.02	1.01	1.00	1.00	0.99	0.99	0.98	0.98	0.98	-0.7%
Industrial 12/	4.98	4.96	4.71	4.94	5.04	5.10	5.17	5.21	5.33	5.39	5.48	5.57	5.70	5.75	5.81	5.86	5.89	5.95	5.99	6.05	6.11	6.17	1.1%
Transportation	12.89	13.26	13.35	13.63	14.07	14.35	14.65	14.91	15.20	15.52	15.87	16.22	16.58	16.89	17.19	17.42	17.64	17.90	18.15	18.40	18.67	18.90	1.8%
Electricity Generators 13/	0.48	0.41	0.47	0.16	0.10	0.10	0.08	0.07	0.08	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	-8.6%
Total	19.53	19.74	19.65	19.85	20.31	20.63	20.97	21.25	21.84	22.00	22.44	22.87	23.35	23.71	24.07	24.34	24.59	24.90	25.18	25.50	25.83	26.12	1.4%
Discrepancy 14/	-0.10	-0.07	0.04	0.29	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	N/A											
World Oil Price (2000 dollars per barrel) 15/	17.60	27.72	22.48	25.43	26.93	28.35	29.68	29.85	29.74	29.83	29.92	30.01	30.09	30.17	30.28	30.35	30.44	30.50	30.53	30.55	30.57	30.58	0.5%
Import Share of Product Supplied	0.51	0.53	0.54	0.55	0.55	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.58	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.57	0.57	0.4%
Net Expenditures for Imported Crude & Petroleum Products (billion 2000 dollars)	61.09	106.48	90.26	104.64	109.04	120.15	128.67	132.20	136.38	139.68	145.43	149.63	152.30	155.45	157.49	159.95	161.81	162.87	165.00	167.56	171.41	174.31	2.5%
Domestic Refinery Distillation Capacity 16/	16.5	16.6	16.8	16.8	16.8	17.0	17.3	17.4	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.1	0.4%
Capacity Utilization Rate (percent)	93.0	93.0	94.0	93.0	89.1	89.5	89.7	89.4	89.7	90.0	90.2	90.4	90.6	90.6	91.0	91.2	91.3	91.5	91.4	91.6	91.7	91.8	-0.1%

1/ Includes lease condensate.

2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude products supplied.

3/ Includes alcohols, ethers, petroleum product stock withdrawals, domestic sources of blending components, other hydrocarbons, and natural gas converted to liquid fuel.

4/ Represents volumetric gain in refinery distillation and cracking processes.

5/ Includes net imports of finished petroleum products, unfinished oils, other hydrocarbons, alcohols, ethers, and blending components.

6/ Includes blending components.

7/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net petroleum imports.

8/ Includes ethanol and ethers blended into gasoline.

9/ Includes naphtha and kerosene types.

Table 11. Petroleum Supply and Disposition Balance (2 of 2)
(Million Barrels per Day, Unless Otherwise Noted)

10/ Includes distillate and kerosene.
11/ Includes aviation gasoline, liquefied petroleum gas, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, and miscellaneous petroleum products.
12/ Includes consumption by cogenerators.
13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.
14/ Balancing item. Includes unaccounted for supply, losses and gains.
15/ Average refiner acquisition cost for imported crude oil.
16/ End-of-year capacity.
N/A = Not applicable.
Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.
Sources: 1999 and 2000 product supplied data from Table 2. Other 1999 data: Energy Information Administration (EIA), Petroleum Supply Annual 1999, DOE/EIA-0340(99)/1 (Washington, DC, June 2000). Other 2000 data: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1 (Washington, DC, June 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 12. Petroleum Product Prices (1 of 1)
(2000 Cents per Gallon, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
World Oil Price (2000 dollars per barrel)	17.60	27.72	22.48	25.43	26.93	28.35	29.66	29.65	29.74	29.83	29.92	30.01	30.09	30.17	30.26	30.35	30.44	30.50	30.53	30.55	30.57	30.58	0.5%
Delivered Sector Product Prices																							
Residential																							
Distillate Fuel	88.6	130.7	125.4	115.2	118.6	122.0	125.4	123.9	124.8	124.0	125.7	126.6	126.6	128.0	130.4	131.4	132.5	133.4	133.7	134.3	135.2	135.1	0.2%
Liquefied Petroleum Gas	90.4	117.1	106.7	104.6	117.0	118.2	121.8	122.8	123.3	123.9	124.4	124.4	125.6	126.3	126.1	126.6	126.7	127.1	127.1	127.1	127.3	127.3	0.4%
Commercial																							
Distillate Fuel	61.8	98.2	82.1	78.7	87.5	90.9	94.3	92.9	93.7	92.9	94.6	95.9	96.2	97.6	100.4	101.4	102.5	103.3	103.4	104.0	104.9	105.0	0.3%
Residual Fuel	39.7	51.8	58.8	54.2	65.8	69.2	71.9	72.0	72.2	72.4	72.6	73.0	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	1.8%
Residual Fuel (2000 dollars per barrel)	16.68	21.77	24.69	22.77	27.84	29.05	30.18	30.26	30.33	30.40	30.48	30.55	30.60	30.68	30.77	30.86	30.93	30.98	31.01	31.03	31.03	31.02	1.8%
Industrial 1/																							
Distillate Fuel	65.4	99.9	83.1	79.8	88.5	92.0	95.4	94.1	94.9	94.2	95.9	98.1	99.1	100.3	104.0	104.9	106.1	106.8	106.8	107.2	108.1	108.4	0.4%
Liquefied Petroleum Gas	75.5	100.6	86.2	84.1	77.3	77.9	81.2	81.9	82.4	82.4	82.8	83.1	85.0	85.5	85.8	86.0	86.3	86.1	86.3	86.4	86.5	86.5	-0.8%
Residual Fuel	41.1	48.9	55.9	51.5	63.0	66.3	69.0	69.2	69.4	69.5	69.7	69.9	70.1	70.0	70.9	70.5	70.7	70.9	71.2	71.3	71.3	71.4	1.9%
Residual Fuel (2000 dollars per barrel)	17.28	20.55	23.48	21.61	26.45	27.86	28.98	29.07	29.13	29.20	29.28	29.37	29.42	29.42	29.53	29.63	29.71	29.78	29.91	29.95	29.96	29.97	1.9%
Transportation																							
Diesel Fuel (Distillate) 2/	116.0	149.9	145.1	136.5	140.6	143.7	146.5	149.0	156.4	158.6	156.0	159.1	161.7	160.6	159.9	159.0	157.8	156.7	156.8	156.8	155.6	155.0	0.2%
Jet Fuel 3/	84.9	99.3	80.0	76.8	85.9	89.5	92.6	91.7	93.5	94.1	94.9	96.1	97.8	98.6	100.4	101.0	101.2	101.0	100.9	100.7	100.7	100.6	0.1%
Motor Gasoline 4/	121.0	192.6	152.0	137.3	147.0	150.8	153.1	155.9	155.5	155.9	155.8	155.8	155.3	155.5	158.4	160.0	160.9	160.2	160.4	160.1	158.2	157.8	0.2%
Liquefied Petroleum Gas	112.7	136.5	120.5	118.4	127.0	128.6	131.5	133.1	133.2	134.2	134.5	134.0	134.5	133.3	134.4	134.9	134.5	134.8	134.4	133.9	133.9	133.6	-0.1%
Residual Fuel	38.7	65.6	52.5	48.1	60.9	64.3	67.1	67.2	67.4	67.6	67.9	68.0	68.2	68.4	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.0	0.2%
Residual Fuel (2000 dollars per barrel)	16.27	27.56	22.03	20.18	25.58	26.99	28.37	28.24	28.31	28.38	28.45	28.52	28.57	28.65	28.72	28.80	28.88	28.92	28.95	28.97	28.96	28.96	0.2%
Ethanol (E85)	132.4	155.3	155.3	155.3	161.0	165.4	169.1	162.8	162.2	162.5	162.4	162.6	162.5	162.9	166.1	169.2	169.3	169.1	169.8	169.7	169.7	169.5	1.2%
Electricity Generators 5/																							
Distillate Fuel	58.6	95.6	76.7	72.2	79.4	83.0	86.3	85.6	86.0	85.7	87.3	88.8	89.2	90.6	93.6	94.5	95.6	96.2	95.5	96.0	96.6	96.9	0.1%
Residual Fuel	36.7	61.5	56.4	51.7	63.5	66.5	69.6	69.5	69.9	70.5	70.7	71.4	71.4	71.2	70.6	70.5	70.5	70.7	70.4	70.5	70.5	70.5	0.7%
Residual Fuel (2000 dollars per barrel)	15.38	25.84	23.67	21.70	26.67	27.84	29.24	29.17	29.37	29.63	29.59	29.71	29.97	29.90	29.65	29.60	29.61	29.63	29.70	29.58	29.60	29.62	0.7%
Refined Petroleum Product Prices 6/																							
Distillate Fuel	102.1	137.7	130.5	123.2	128.4	131.8	135.1	136.8	142.8	144.4	143.2	146.1	148.4	148.1	148.4	148.1	147.5	147.2	146.9	146.4	146.5	146.1	0.3%
Jet Fuel 3/	64.9	89.3	80.0	76.8	85.9	89.5	92.6	91.7	93.5	94.1	94.9	96.1	97.8	98.6	100.4	101.0	101.2	101.0	100.9	100.7	100.7	100.6	0.1%
Liquefied Petroleum Gas	78.5	103.5	73.8	71.3	84.2	84.9	88.1	88.8	89.3	89.4	89.7	89.9	91.5	91.9	92.0	92.1	92.0	92.3	92.2	92.2	92.3	92.3	-0.6%
Motor Gasoline 4/	121.0	192.6	152.0	137.3	147.0	150.8	153.1	155.9	155.5	155.9	155.8	155.8	155.2	155.5	158.4	160.0	160.9	160.2	160.4	160.1	158.2	157.8	0.2%
Residual Fuel	38.1	61.5	54.7	49.5	61.8	65.1	67.9	68.0	68.2	68.4	68.5	68.7	68.9	69.0	69.2	69.4	69.5	69.7	69.8	69.8	69.8	69.8	0.6%
Residual Fuel (2000 dollars per barrel)	16.01	25.84	22.97	20.78	25.94	27.34	28.51	28.57	28.64	28.72	28.78	28.86	28.92	28.98	29.05	29.13	29.21	29.26	29.31	29.32	29.32	29.32	0.6%
Average	99.3	130.5	123.3	114.4	124.2	127.6	130.4	132.2	133.6	134.3	134.1	134.9	135.5	135.7	137.4	138.2	138.5	138.1	138.2	137.8	136.9	136.5	0.2%

1/ Includes cogenerators.

2/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Includes Federal and State taxes while excluding county and local taxes.

3/ Kerosene-type jet fuel.

4/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

5/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

6/ Weighted averages of end-use fuel prices are derived from the prices in each sector and the corresponding sectoral consumption.

Note: Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999.

http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma_historical.html (August 2000). 2000 prices for gasoline, distillate,

and jet fuel are based on prices in the preliminary Petroleum Marketing Annual 2000.

http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pdf/pma00.pdf

1999 and 2000 prices for all other petroleum products are derived from EIA, State Energy Price and Expenditure Report 1997, DOE/EIA-0376(97)

(Washington, DC, July 2000). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d10200b.

Table 13. Natural Gas Supply and Disposition (1 of 1)
(Trillion Cubic Feet per Year)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Production																							
Dry Gas Production 1/	18.69	19.08	19.28	19.55	20.42	20.74	20.99	21.49	21.79	22.46	22.90	23.67	24.46	25.01	25.62	26.21	26.74	27.15	27.75	28.36	28.84	29.24	2.2%
Supplemental Natural Gas 2/	0.10	0.10	0.10	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.7%
Net Imports	3.42	3.52	3.68	3.72	4.01	4.23	4.38	4.41	4.51	4.55	4.61	4.66	4.69	4.67	4.69	4.76	4.83	4.88	4.94	4.99	5.04	5.05	1.8%
Canada	3.33	3.48	3.51	3.50	3.72	3.87	3.96	4.01	4.14	4.21	4.24	4.28	4.32	4.31	4.34	4.41	4.47	4.52	4.57	4.60	4.62	4.61	1.4%
Mexico	-0.01	-0.09	-0.05	-0.09	-0.13	-0.17	-0.22	-0.28	-0.35	-0.42	-0.43	-0.45	-0.46	-0.46	-0.47	-0.47	-0.47	-0.47	-0.45	-0.44	-0.41	-0.38	7.2%
Liquefied Natural Gas	0.10	0.16	0.22	0.30	0.42	0.53	0.64	0.67	0.71	0.76	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	8.6%
Total Supply	22.21	22.69	23.07	23.39	24.55	25.08	25.48	26.01	26.41	27.12	27.62	28.45	29.27	29.80	30.43	31.08	31.68	32.14	32.80	33.46	33.99	34.41	2.1%
Consumption by Sector																							
Residential	4.72	5.00	5.05	5.22	5.32	5.37	5.35	5.36	5.39	5.43	5.44	5.48	5.53	5.59	5.62	5.66	5.69	5.74	5.76	5.81	5.86	5.94	0.9%
Commercial	3.05	3.27	3.31	3.43	3.56	3.63	3.65	3.69	3.73	3.78	3.83	3.88	3.95	4.01	4.07	4.12	4.16	4.23	4.29	4.35	4.42	4.49	1.6%
Industrial 3/	8.60	8.41	7.67	8.50	8.84	8.93	9.05	9.21	9.27	9.40	9.45	9.55	9.63	9.72	9.83	9.90	9.99	10.02	10.08	10.17	10.24	10.29	1.0%
Electricity Generators 4/	3.79	4.25	4.27	4.80	5.21	5.37	5.50	5.63	5.76	6.07	6.29	6.68	7.19	7.38	7.71	8.09	8.39	8.58	8.84	9.14	9.40	9.52	4.1%
Transportation 5/	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.08	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	10.0%
Pipeline Fuel	0.74	0.77	0.77	0.75	0.78	0.78	0.79	0.79	0.81	0.82	0.84	0.86	0.87	0.88	0.88	0.90	0.91	0.92	0.94	0.95	0.96	0.97	1.2%
Lease and Plant Fuel 6/	1.08	1.12	1.13	1.13	1.19	1.23	1.27	1.31	1.35	1.40	1.45	1.51	1.55	1.58	1.62	1.66	1.69	1.72	1.75	1.79	1.82	1.84	2.5%
Total	21.99	22.83	22.22	23.87	24.94	25.36	25.65	26.06	26.35	26.96	27.36	28.04	28.80	29.26	29.84	30.45	30.98	31.34	31.79	32.35	32.84	33.20	1.9%
Gas to Liquids	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.17	0.22	0.27	0.37	0.49	0.66	0.77	0.82	0.88	N/A
Discrepancy 7/	0.22	-0.14	0.85	-0.48	-0.39	-0.27	-0.16	-0.04	0.06	0.16	0.26	0.36	0.35	0.37	0.36	0.36	0.33	0.32	0.35	0.34	0.33	0.34	N/A

1/ Marketed production (wet) minus extraction losses.

2/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Compressed natural gas used as vehicle fuel.

6/ Represents natural gas used in the field gathering and processing plant machinery.

7/ Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different date reporting systems which vary in scope, format, definition, and respondent type. In addition, 1999 and 2000 values include net storage injections.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 supply values and consumption as lease, plant, and pipeline fuel: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(1999) (Washington, DC, October 2000). Other 1999 consumption derived from: EIA, State Energy Data Report 1999, DOE/EIA-0214(1999) (Washington, DC, May 2001). 2000 supplemental natural gas: EIA, Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 1999 imports and dry gas production derived from: EIA, Natural Gas Annual 1999, DOE/EIA-0131(1999) (Washington, DC, October 2000). 2000 transportation sector consumption: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Other 2000 consumption: EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/oc01.pdf>

with adjustments to end-use sector consumption levels for consumption of natural gas by electric wholesale generators based on EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 14. Natural Gas Prices, Margins and Revenues (1 of 1)
(2000 Dollars per Thousand Cubic Feet, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Source Prices																							
Average Lower 48 Wellhead Price ^{1/}	2.27	3.60	3.94	2.00	2.42	2.69	2.84	2.90	2.94	3.03	3.04	3.05	3.09	3.11	3.12	3.18	3.25	3.31	3.36	3.38	3.39	3.40	-0.3%
Average Import Price	2.29	3.94	4.03	2.01	2.41	2.72	2.92	3.01	3.12	3.18	3.20	3.22	3.25	3.25	3.28	3.33	3.39	3.43	3.48	3.51	3.55	3.57	-0.5%
Average ^{2/}	2.27	3.66	3.95	2.00	2.42	2.70	2.85	2.92	2.97	3.05	3.07	3.08	3.12	3.13	3.15	3.21	3.27	3.33	3.38	3.40	3.42	3.42	-0.3%
Delivered Prices																							
Residential	6.84	7.85	9.06	6.57	6.91	7.14	7.24	7.24	7.23	7.28	7.21	7.16	7.17	7.16	7.16	7.20	7.25	7.30	7.33	7.34	7.34	7.33	-0.3%
Commercial	5.49	6.40	7.76	5.25	5.61	5.83	5.94	5.95	5.98	5.94	5.90	5.92	5.92	5.93	5.98	6.05	6.10	6.14	6.15	6.17	6.17	6.17	-0.2%
Industrial ^{3/}	3.09	4.43	4.75	2.73	3.15	3.41	3.57	3.62	3.68	3.75	3.77	3.78	3.82	3.83	3.85	3.90	3.97	4.02	4.08	4.11	4.13	4.14	-0.3%
Electricity Generators ^{4/}	2.89	4.49	4.47	2.66	3.06	3.32	3.46	3.51	3.57	3.65	3.65	3.67	3.72	3.73	3.76	3.82	3.89	3.95	4.01	4.04	4.07	4.07	-0.5%
Transportation ^{5/}	6.31	8.26	8.49	6.31	6.68	6.89	7.03	7.11	7.18	7.29	7.31	7.32	7.36	7.37	7.40	7.46	7.53	7.58	7.62	7.63	7.65	7.64	-0.4%
Average ^{6/}	4.26	5.58	6.26	4.03	4.39	4.64	4.75	4.78	4.81	4.85	4.84	4.81	4.83	4.84	4.88	4.94	4.99	5.03	5.06	5.06	5.06	5.07	-0.5%
Transmission & Distribution Margins ^{7/}																							
Residential	4.57	4.19	5.11	4.57	4.49	4.44	4.39	4.32	4.26	4.20	4.14	4.08	4.05	4.02	4.01	4.00	3.98	3.97	3.95	3.94	3.92	3.91	-0.4%
Commercial	3.22	2.74	3.81	3.25	3.19	3.14	3.09	3.03	2.98	2.93	2.87	2.81	2.80	2.79	2.78	2.78	2.77	2.77	2.76	2.75	2.75	2.75	0.0%
Industrial ^{3/}	0.82	0.78	0.80	0.73	0.72	0.72	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.71	-0.4%
Electricity Generators ^{4/}	0.42	0.83	0.52	0.66	0.64	0.63	0.60	0.60	0.60	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.65	0.64	0.64	-1.3%
Transportation ^{5/}	4.04	4.61	4.53	4.31	4.23	4.19	4.18	4.19	4.21	4.23	4.24	4.23	4.24	4.24	4.25	4.25	4.26	4.26	4.24	4.23	4.23	4.22	-0.4%
Average ^{6/}	1.99	1.92	2.31	2.03	1.97	1.94	1.90	1.86	1.84	1.80	1.77	1.73	1.71	1.70	1.69	1.67	1.66	1.66	1.65	1.65	1.64	1.64	-0.8%
Transmission & Distribution Revenue																							
(billion 2000 dollars)																							
Residential	21.58	20.96	25.78	23.87	23.92	23.85	23.47	23.19	22.95	22.81	22.55	22.34	22.40	22.50	22.54	22.60	22.66	22.79	22.77	22.87	23.00	23.19	0.5%
Commercial	9.83	8.98	12.62	11.15	11.33	11.38	11.27	11.17	11.11	11.07	11.00	10.95	11.06	11.17	11.32	11.45	11.59	11.73	11.83	11.98	12.15	12.32	1.6%
Industrial ^{3/}	7.01	6.25	6.11	6.24	6.41	6.39	6.47	6.50	6.52	6.58	6.60	6.68	6.75	6.78	6.86	6.91	6.96	6.99	7.06	7.18	7.28	7.34	0.6%
Electricity Generators ^{4/}	1.60	3.53	2.22	3.19	3.22	3.38	3.32	3.35	3.46	3.62	3.68	3.91	4.34	4.42	4.68	4.97	5.19	5.32	5.56	5.68	5.68	6.11	2.9%
Transportation ^{5/}	0.06	0.10	0.13	0.15	0.18	0.20	0.23	0.26	0.28	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.53	0.55	0.57	0.58	0.60	9.5%
Total	40.08	40.11	46.86	44.59	45.15	45.18	44.75	44.47	44.33	44.39	44.19	44.26	44.97	45.31	45.87	46.42	46.91	47.37	47.77	48.48	49.09	49.56	1.1%

^{1/} Represents lower 48 onshore and offshore supplies.

^{2/} Quantity-weighted average of the average lower 48 wellhead price and the average price of imports at the U.S. border.

^{3/} Includes consumption by cogenerators.

^{4/} Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

^{5/} Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

^{6/} Weighted average prices and margins. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

^{7/} Within the table, "transmission and distribution" margins equal the difference between the delivered price and the source price (average of the wellhead price and the price of imports at the U.S. border) of natural gas and, thus, reflect the total cost of bringing natural gas to market. When the term "transmission and distribution" margins is used in today's natural gas market, it generally does not include the cost of independent natural gas marketers or costs associated with aggregation of supplies, provisions of storage, and other services. As used here, the term includes the cost of all services and the cost of pipeline fuel used in compressor stations.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 residential, commercial, and transportation delivered prices, average lower 48 wellhead price, and average import price: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99) (Washington, DC, October 2000). 1999 electric generators delivered price: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." 1999 and 2000 industrial delivered prices based on EIA, Manufacturing Energy Consumption Survey 1994. 2000 residential and commercial delivered prices, average lower 48 wellhead price, and average import price: EIA, Natural Gas Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001). Other 1999 values, other 2000 values, and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 15. Oil and Gas Supply (1 of 1)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Crude Oil																								
Lower 48 Average Wellhead Price 1/																								
(2000 dollars per barrel)	16.84	27.59	22.76	21.21	26.59	27.97	29.13	28.96	29.12	29.14	29.28	29.40	29.45	29.43	29.57	29.61	29.47	29.48	29.49	29.54	29.55	29.58	0.3%	
Production (million barrels per day) 2/																								
U.S. Total	5.87	5.82	5.84	5.88	5.80	5.60	5.52	5.50	5.55	5.52	5.49	5.49	5.70	5.81	5.94	6.00	6.10	6.33	6.39	6.42	6.40	6.43	0.5%	
Lower 48 Onshore	3.26	3.25	3.16	3.09	3.18	3.08	3.02	2.97	2.95	2.94	2.93	2.94	2.95	2.97	3.00	3.03	3.07	3.11	3.14	3.16	3.18	3.18	-0.1%	
Conventional	2.58	2.60	2.53	2.43	2.50	2.37	2.27	2.18	2.11	2.06	2.01	1.97	1.94	1.92	1.90	1.89	1.89	1.89	1.90	1.91	1.93	1.94	-1.5%	
Enhanced Oil Recovery	0.68	0.65	0.63	0.66	0.68	0.71	0.75	0.79	0.84	0.88	0.92	0.97	1.01	1.06	1.10	1.14	1.18	1.22	1.24	1.25	1.25	1.24	3.3%	
Lower 48 Offshore	1.55	1.61	1.71	1.82	1.70	1.66	1.69	1.71	1.80	1.82	1.83	1.83	2.03	2.07	2.13	2.11	2.11	2.18	2.13	2.12	2.14	2.14	1.4%	
Alaska	1.06	0.97	0.97	0.98	0.92	0.88	0.81	0.81	0.81	0.80	0.77	0.73	0.72	0.72	0.77	0.81	0.85	0.92	1.03	1.12	1.13	1.10	1.12	0.7%
Lower 48 End of Year Reserves (billion barrels) 2/	18.27	16.29	17.52	16.90	16.42	16.14	15.95	15.91	15.82	15.76	15.71	16.09	16.20	16.36	16.44	16.55	16.82	16.87	16.97	17.02	17.09	17.10	-0.3%	
Natural Gas																								
Lower 48 Average Wellhead Price 1/																								
(2000 dollars per thousand cubic feet)	2.27	3.60	3.94	2.00	2.42	2.69	2.84	2.90	2.94	3.03	3.04	3.05	3.09	3.11	3.12	3.18	3.25	3.31	3.36	3.38	3.39	3.40	-0.3%	
Dry Production (trillion cubic feet) 3/																								
U.S. Total	18.69	19.08	19.28	19.55	20.42	20.74	20.99	21.49	21.79	22.46	22.80	23.67	24.46	25.01	25.62	26.21	26.74	27.15	27.74	28.36	28.84	29.24	2.2%	
Lower 48 Onshore	12.89	13.31	13.62	13.76	14.46	14.65	14.74	15.05	15.18	15.67	15.90	16.63	17.21	17.64	18.11	18.55	18.93	19.30	19.72	20.13	20.37	20.48	2.2%	
Associated-Dissolved 4/	1.74	1.79	1.83	1.78	1.72	1.64	1.59	1.55	1.51	1.48	1.46	1.44	1.44	1.43	1.42	1.41	1.41	1.40	1.40	1.40	1.40	1.40	-1.2%	
Non-Associated	11.14	11.52	11.79	11.98	12.74	12.93	13.10	13.46	13.63	14.06	14.41	15.07	15.76	16.21	16.69	17.14	17.52	17.89	18.32	18.73	18.97	19.08	2.6%	
Conventional	6.64	6.89	6.88	7.15	7.26	7.34	7.36	7.42	7.38	7.51	7.57	7.99	8.35	8.63	8.87	9.14	9.40	9.75	9.92	10.08	10.15	10.14	2.0%	
Unconventional	4.50	4.63	4.92	4.83	5.48	5.59	5.73	6.03	6.25	6.55	6.75	7.08	7.41	7.58	7.82	8.00	8.12	8.15	8.40	8.65	8.82	8.94	3.3%	
Lower 48 Offshore	5.38	5.34	5.21	5.32	5.49	5.61	5.75	5.94	6.10	6.37	6.48	6.55	6.60	6.63	6.71	6.80	6.86	6.78	6.74	6.83	7.01	7.23	1.5%	
Associated-Dissolved 4/	1.17	1.16	1.18	1.21	1.24	1.21	1.19	1.20	1.21	1.23	1.24	1.24	1.24	1.29	1.30	1.32	1.31	1.31	1.31	1.33	1.31	1.31	1.31	0.6%
Non-Associated	4.21	4.18	4.03	4.11	4.25	4.40	4.56	4.74	4.89	5.14	5.24	5.31	5.36	5.33	5.41	5.48	5.54	5.47	5.42	5.51	5.69	5.92	1.8%	
Alaska	0.42	0.43	0.48	0.47	0.48	0.49	0.50	0.50	0.51	0.52	0.53	0.59	0.66	0.74	0.80	0.86	0.96	1.08	1.27	1.41	1.47	1.53	6.6%	
Lower 48 End of Year Dry Reserves (tcf) 3/	158.47	162.31	166.94	162.41	163.62	165.52	168.06	170.95	173.48	175.71	177.72	180.36	182.70	186.92	189.09	191.15	191.63	193.00	196.71	199.49	202.28	204.64	1.2%	
Supplemental Gas Supplies (tcf) 5/	0.10	0.10	0.10	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.7%	
Lower 48 Wells (thousands)	18.87	24.05	23.26	21.92	21.88	24.04	25.60	25.77	24.95	25.59	26.09	26.67	26.89	27.19	27.01	26.97	26.82	30.72	31.39	32.42	33.98	34.94	1.9%	

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Marketed production (wet) minus extraction losses.

4/ Gas which occurs in crude oil reserves either as free gas (associated) or as gas in solution with crude oil (dissolved).

5/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Btu = British thermal unit.

Tcf = Trillion cubic feet.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 lower 48 onshore, lower 48 offshore, Alaska crude oil production: Energy Information Administration (EIA), Petroleum Supply Annual 1999, DOE/EIA-0340(99)/1

(Washington, DC, June 2000). 1999 U.S. crude oil and natural gas reserves: EIA, U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, DOE/EIA-0216(99)

(Washington, DC, December 2000). 1999 natural gas lower 48 average wellhead price and total natural gas production: EIA, Natural Gas Annual 1999, DOE/EIA-0131(99)

(Washington, DC, October 2000). 2000 lower 48 onshore, lower 48 offshore, and Alaska crude oil production: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1

(Washington, DC, June 2001). 2000 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas

Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001). Other 1999 and 2000 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA,

AEO2002 National Energy Modeling System run aeo2002.a102001b.

Table 16. Coal Supply, Disposition, and Prices (1 of 1)
(Million Short Tons per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
Production 1/																							
Appalachia	435	430	440	434	428	424	425	423	424	422	421	418	407	416	425	424	424	423	419	415	413	414	-0.2%
Interior	163	144	151	143	144	142	147	156	152	146	143	141	133	136	150	148	147	148	150	153	152	153	0.3%
West	512	510	576	563	589	618	637	660	689	705	719	734	761	772	756	768	784	802	821	837	855	879	2.8%
East of the Mississippi	539	518	535	520	520	514	521	523	523	520	518	516	499	512	527	526	525	526	524	521	521	523	0.0%
West of the Mississippi	571	566	632	621	642	670	689	718	743	752	764	777	802	813	804	814	830	847	867	884	900	924	2.5%
Total	1110	1084	1167	1141	1162	1184	1210	1239	1266	1273	1282	1293	1302	1325	1330	1340	1355	1373	1391	1405	1421	1447	1.5%
Net Imports																							
Imports	9	13	17	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	20	20	20	2.3%
Exports	-8	-8	-5	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-0.3%
Total	-49	-48	-39	-40	-40	-38	-38	-38	-38	-38	-38	-38	-38	-38	-34	-34	-34	-34	-34	-35	-35	-35	-1.3%
Total Supply 2/	1061	1038	1128	1101	1123	1146	1172	1201	1228	1235	1244	1255	1264	1286	1297	1307	1321	1338	1357	1370	1386	1412	1.5%
Consumption by Sector																							
Residential and Commercial	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	0.8%
Industrial 3/	82	82	78	76	78	79	80	80	81	81	81	82	82	83	83	83	84	85	85	86	86	86	0.2%
Coke Plants	28	29	26	27	26	26	26	26	25	25	25	24	24	23	23	22	22	21	21	21	20	20	-1.9%
Electricity Generators 4/	929	965	977	984	1016	1037	1064	1093	1119	1126	1136	1146	1155	1178	1189	1199	1213	1230	1248	1262	1278	1303	1.5%
Total	1045	1081	1087	1092	1125	1148	1175	1204	1231	1237	1247	1257	1267	1289	1300	1309	1324	1341	1360	1373	1390	1415	1.4%
Discrepancy and Stock Change 5/	16	-43	42	9	-2	-2	-2	-2	-3	-2	-3	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	N/A
Average Mine-mouth Price																							
(2000 dollars per short ton)	17.01	16.45	16.16	15.75	15.47	15.19	15.08	14.84	14.51	14.29	14.06	13.86	13.63	13.54	13.80	13.71	13.57	13.45	13.31	13.19	13.09	12.95	-1.2%
(2000 dollars per million Btu)	0.82	0.79	0.78	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.67	0.68	0.68	0.67	0.66	0.66	0.65	0.65	0.65	-1.0%
Delivered Price (2000 dollars per short ton) 6/																							
Industrial	32.31	31.86	30.53	30.05	29.89	29.69	29.57	29.33	29.04	28.78	28.51	28.32	28.06	27.94	28.01	27.84	27.82	27.43	27.23	26.98	26.78	26.59	-0.9%
Coke Plants	46.89	44.41	44.20	43.96	43.73	43.47	43.24	43.12	42.80	42.52	42.16	42.06	41.82	41.87	41.53	41.13	40.92	40.68	40.40	40.13	39.98	39.56	-0.6%
Electricity Generators	25.28	24.37	24.23	23.43	23.46	23.38	23.08	22.47	22.12	21.83	21.53	21.28	21.18	20.85	20.68	20.51	20.30	20.10	19.85	19.60	19.40	19.15	-1.2%
(2000 dollars per million Btu)	1.22	1.20	1.19	1.16	1.16	1.16	1.12	1.11	1.09	1.08	1.07	1.07	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.99	0.97	0.97	-1.1%
Average	25.75	25.42	25.17	24.40	24.28	24.28	23.97	23.37	23.00	22.70	22.39	22.14	22.01	21.68	21.51	21.33	21.11	20.90	20.63	20.37	20.16	19.90	-1.2%
Exports 7/	37.33	34.90	37.03	36.90	36.69	36.90	36.78	36.71	36.34	36.19	35.94	35.83	35.54	35.47	35.72	35.42	35.24	35.02	34.76	34.52	34.38	34.02	-0.1%

1/ Includes anthracite, bituminous coal, lignite, and waste coal delivered to independent power producers. Waste coal deliveries totaled 8.5 million tons in 1995, 8.8 million tons in 1996, 8.1 million tons in 1997, 8.6 million tons in 1998, and are projected to reach 9.6 million tons in 1999, and 12.2 million tons in 2000.

2/ Production plus net imports and net storage withdrawals.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Balancing item: the sum of production, net imports, and net storage minus total consumption.

6/ Sectoral prices weighted by consumption tonnage; weighted average excludes residential/commercial prices and export free-alongside-ship (f.a.s.) prices.

7/ F a.s. price at U.S. port of exit.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999: Energy Information Administration (EIA), Coal Industry Annual 1999, DOE/EIA-0584(99) (Washington, DC, June 2001). 2000 data based on EIA, Quarterly

Coal Report, DOE/EIA-0121(2000)4(Q) (Washington, DC, October-December 2000) and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Projectors:

EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 17. Renewable Energy Generating Capability and Generation (1 of 1)
(Gigawatts, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-	
Electricity Generators (excluding cogeneration) 1/																								
Net Summer Capability																								
Conventional Hydropower	79.30	79.29	79.36	79.51	79.63	79.71	79.78	79.92	79.92	79.92	79.92	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	0.0%
Geothermal 2/	2.79	2.85	2.86	2.91	2.99	2.97	3.05	3.15	3.19	3.31	3.46	3.57	3.72	3.94	4.21	4.42	4.62	4.77	4.95	5.10	5.27	5.41	5.41	3.3%
Municipal Solid Waste 3/	2.75	2.84	3.15	3.24	3.35	3.55	3.64	3.68	3.72	3.82	3.86	3.91	3.97	4.02	4.06	4.11	4.15	4.25	4.27	4.29	4.31	4.33	4.33	2.1%
Wood and Other Biomass 4/	1.37	1.39	1.41	1.51	1.54	1.59	1.61	1.64	1.68	1.71	1.73	1.73	1.74	1.75	1.76	1.76	1.83	1.88	1.93	1.96	2.01	2.12	2.12	1.1%
Solar Thermal	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	1.0%
Solar Photovoltaic 5/	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.27	0.27	18.8%
Wind	2.33	2.42	4.29	5.26	5.82	6.27	6.82	6.96	7.22	7.38	7.62	7.72	7.94	8.01	8.20	8.48	8.76	9.00	9.09	9.17	9.30	9.42	9.42	7.0%
Total	89.87	89.13	91.43	92.78	93.70	94.46	95.30	95.75	96.13	96.54	97.02	97.28	97.76	98.11	98.66	99.22	99.83	100.39	100.74	101.05	101.45	101.85	101.85	0.7%
Generation (billion kilowatt-hours)																								
Conventional Hydropower	310.30	272.33	223.99	285.36	301.03	301.17	301.26	301.66	301.60	301.48	301.35	301.14	300.98	300.85	300.76	300.64	300.54	300.47	300.31	300.19	300.11	300.00	300.00	0.5%
Geothermal 2/	15.27	13.52	13.73	14.00	14.58	14.99	15.67	16.68	16.81	16.84	19.16	20.16	21.30	22.21	25.34	27.18	28.84	30.11	31.57	32.82	34.28	35.47	35.47	4.9%
Municipal Solid Waste 3/	17.96	20.15	21.81	22.96	23.72	25.32	25.96	26.33	26.84	27.35	27.68	28.00	28.50	28.81	29.13	29.46	29.77	30.53	30.73	30.87	31.01	31.16	31.16	2.2%
Wood and Other Biomass 4/	7.51	8.37	9.62	11.11	12.49	13.83	15.09	14.61	15.13	15.85	16.74	20.10	20.04	20.22	19.87	18.54	17.51	15.34	15.12	15.37	17.21	16.34	16.34	3.4%
Dedicated Plants	7.01	7.46	7.61	8.10	8.40	8.71	8.93	9.07	9.23	9.39	9.56	9.72	9.81	9.87	9.93	9.92	10.29	10.69	10.99	11.25	11.57	12.26	12.26	2.5%
Cofiring	0.51	0.91	2.01	3.01	4.09	5.12	6.16	5.54	5.90	6.46	9.18	10.38	10.23	10.35	9.94	8.61	7.22	4.65	4.13	4.12	5.63	4.08	7.8%	
Solar Thermal	0.87	0.87	0.87	0.87	0.88	0.89	0.90	0.91	0.92	0.94	0.95	0.96	0.98	1.00	1.02	1.04	1.05	1.06	1.08	1.09	1.10	1.12	1.12	1.3%
Solar Photovoltaic	0.00	0.01	0.03	0.04	0.07	0.09	0.11	0.14	0.16	0.19	0.22	0.26	0.29	0.33	0.37	0.41	0.46	0.50	0.55	0.59	0.63	0.68	0.68	22.8%
Wind	4.17	5.30	8.64	12.05	13.96	15.30	16.74	17.49	18.12	18.67	19.24	19.68	20.30	20.60	21.07	22.08	22.95	23.81	24.14	24.43	24.89	25.32	25.32	8.1%
Total	356.08	320.54	278.69	346.39	366.73	371.99	375.73	377.81	379.48	384.60	387.33	390.29	392.39	395.00	397.55	399.35	401.12	401.83	403.49	405.37	409.25	410.98	410.98	1.2%
Cogenerators 6/																								
Net Summer Capability																								
Municipal Solid Waste	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.0%
Biomass	5.26	5.26	5.26	5.26	5.48	5.65	5.89	6.12	6.34	6.35	6.48	6.61	6.88	7.08	7.26	7.43	7.60	7.76	7.96	8.12	8.27	8.42	8.42	2.4%
Total	5.77	5.77	5.77	5.77	5.99	6.16	6.40	6.63	6.85	6.96	6.99	7.12	7.38	7.59	7.77	7.94	8.11	8.29	8.47	8.63	8.78	8.93	8.93	2.2%
Generation (billion kilowatt-hours)																								
Municipal Solid Waste	3.23	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	0.0%
Biomass	29.97	29.63	29.63	29.63	30.88	32.06	33.52	34.92	36.32	37.09	37.90	39.49	40.75	41.84	42.88	43.88	45.03	46.10	47.11	48.03	49.00	49.90	49.90	2.5%
Total	33.20	32.93	32.93	32.93	34.27	35.36	36.81	38.21	39.62	40.38	41.19	42.78	44.04	45.14	46.17	47.18	48.32	49.40	50.41	51.32	52.20	52.20	52.20	2.3%
Other End-Use Generators 7/																								
Net Summer Capability																								
Conventional Hydropower 8/	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0%
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic 5/	0.01	0.02	0.03	0.05	0.06	0.08	0.11	0.15	0.19	0.24	0.31	0.39	0.39	0.40	0.41	0.42	0.43	0.44	0.44	0.44	0.45	0.46	0.46	17.7%
Total	0.99	0.99	1.01	1.02	1.04	1.06	1.09	1.13	1.17	1.22	1.29	1.36	1.37	1.38	1.38	1.39	1.40	1.41	1.41	1.42	1.43	1.44	1.44	1.9%
Generation (billion kilowatt-hours)																								
Conventional Hydropower 8/	5.45	3.98	3.37	4.14	4.33	4.33	4.33	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.31	4.31	0.4%
Geothermal	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic	0.01	0.04	0.06	0.10	0.13	0.18	0.23	0.32	0.40	0.51	0.65	0.81	0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.98	0.98	17.6%
Total	5.61	4.02	3.43	4.24	4.47	4.51	4.66	4.64	4.73	4.84	4.98	5.14	5.15	5.16	5.18	5.19	5.21	5.22	5.24	5.25	5.27	5.29	5.29	1.4%

1/ Includes grid-connected utilities and nonutilities other than cogenerators. These nonutility facilities include small power producers and exempt wholesale generators.

2/ Includes hydrothermal resources only (hot water and steam).

3/ Includes landfill gas.

4/ Includes projections for energy crops after 2010.

5/ Does not include off-grid photovoltaics (PV). EIA estimates that another 76 megawatts of remote electricity generation PV applications were in service in 1999, plus an additional 206 megawatts in communications, transportation and assorted other non-grid-connected applications.

6/ Cogenerators produce electricity and other useful thermal energy.

7/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

8/ Represents own-use industrial hydroelectric power.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Net summer capability has been estimated for nonutility generators for AEO2002. Net summer capability is used to be consistent with electric utility capacity estimates.

Additional retirements are determined on the basis of the size and age of the units.

Sources: 1999 and 2000 electric utility capability: Energy Information Administration (EIA), Form EIA-860A: "Annual Electric Generator Report - Utility," 1999 and 2000

nonutility and cogenerator capability: EIA, Form EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility," 1999 and 2000 generation: EIA, Annual Energy

Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 18. Renewable Energy Consumption by Sector and Source 1/ (1 of 1)
(Quadrillion Btu per Year)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Marketed Renewable Energy 2/																							
Residential	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.3%
Wood	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.3%
Commercial	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Biomass	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Industrial 3/	2.29	2.41	2.41	2.47	2.53	2.58	2.65	2.71	2.77	2.78	2.83	2.88	2.96	3.02	3.07	3.12	3.17	3.23	3.28	3.33	3.38	3.42	1.8%
Conventional Hydroelectric	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	N/A
Municipal Solid Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Biomass	2.09	2.21	2.21	2.27	2.33	2.38	2.45	2.51	2.57	2.58	2.63	2.68	2.76	2.82	2.87	2.92	2.97	3.03	3.08	3.13	3.18	3.22	1.9%
Transportation	0.12	0.14	0.14	0.14	0.14	0.24	0.25	0.26	0.27	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.30	3.9%
Ethanol used in E85 4/	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	N/A
Ethanol used in Gasoline Blending	0.12	0.14	0.14	0.14	0.23	0.23	0.24	0.25	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.26	3.1%
Electricity Generators 5/	3.91	3.55	3.13	3.84	4.07	4.14	4.20	4.34	4.38	4.34	4.40	4.45	4.50	4.57	4.64	4.70	4.75	4.79	4.84	4.88	4.95	4.99	1.7%
Conventional Hydroelectric	3.21	2.82	2.32	2.95	3.11	3.12	3.12	3.12	3.12	3.12	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.10	3.10	3.10	3.10	3.10	0.5%
Geothermal	0.28	0.28	0.29	0.30	0.32	0.33	0.36	0.39	0.40	0.43	0.47	0.50	0.54	0.60	0.66	0.72	0.78	0.82	0.86	0.90	0.95	0.98	6.4%
Municipal Solid Waste 6/	0.27	0.28	0.30	0.31	0.32	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.40	0.41	0.42	0.42	0.42	0.42	2.2%
Biomass	0.11	0.11	0.12	0.14	0.16	0.17	0.19	0.18	0.19	0.22	0.23	0.24	0.24	0.24	0.24	0.22	0.21	0.19	0.19	0.19	0.21	0.20	3.0%
Dedicated Plants	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.14	0.14	0.15	2.1%
Cofiring	0.01	0.01	0.03	0.04	0.05	0.06	0.08	0.07	0.07	0.10	0.11	0.12	0.12	0.12	0.12	0.10	0.09	0.06	0.05	0.05	0.07	0.05	7.4%
Solar Thermal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	3.6%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Wind	0.05	0.05	0.09	0.12	0.14	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	8.1%
Total Marketed Renewable Energy	6.81	6.60	6.18	6.96	7.35	7.47	7.61	7.73	7.79	7.89	7.99	8.10	8.23	8.37	8.50	8.61	8.72	8.81	8.92	9.02	9.15	9.23	1.7%
Sources of Ethanol																							
From Corn	0.12	0.14	0.14	0.14	0.24	0.24	0.25	0.25	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	2.7%
From Cellulose	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.06	N/A
Total	0.12	0.14	0.14	0.14	0.24	0.25	0.26	0.27	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.30	3.9%
Non-Marketed Renewable Energy																							
-- Selected Consumption 7/																							
Residential	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	3.3%
Solar Hot Water Heating	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.8%
Geothermal Heat Pumps	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	4.7%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.2%
Commercial	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%
Solar Thermal	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.8%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.5%

1/ Actual heat rates used to determine fuel consumption for all renewable fuels except hydropower, solar, and wind. Consumption at hydroelectric, solar, and wind facilities determined by using the fossil fuel equivalent of 10,280 Btu per kilowatt-hour.

2/ Includes nonelectric renewable energy groups for which the energy source is bought and sold in the marketplace, although all transactions may not necessarily be marketed, and marketed renewable energy inputs for electricity entering the marketplace on the electric power grid. Excludes electricity imports; see Table 8.

3/ Includes all electricity production by industrial and other cogenerators for the grid and for own use.

4/ Excludes motor gasoline component of E85.

5/ Includes renewable energy delivered to the grid from electric utilities and nonutilities. Renewable energy used in generating electricity for own use is included in the individual sectoral electricity energy consumption values.

6/ Includes landfill gas.

7/ Includes selected renewable energy consumption data for which the energy is not bought or sold, either directly or indirectly as an input to marketed energy. The Energy Information Administration does not estimate or project total consumption of nonmarketed renewable energy.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 ethanol: Energy Information Administration (EIA), Annual Energy Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001). 1999 and 2000 electric generators: EIA, Form EIA-860A: "Annual Electric Generator Report - Utility" and Form EIA-860B: "Annual Electric Generator Report - Nonutility." Other 1999 and 2000: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 19. Carbon Dioxide Emissions by Sector and Source (1 of 1)
(Million Metric Tons Carbon Equivalent, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-	
Residential																								
Petroleum	27.3	27.5	26.5	26.3	25.9	25.4	24.8	24.4	24.0	23.8	23.4	23.1	22.9	22.6	22.3	22.0	21.8	21.6	21.3	21.1	21.0	20.9	-1.4%	
Natural Gas	69.9	73.2	74.7	77.3	78.8	79.5	79.1	79.4	79.8	80.3	80.6	81.1	81.9	82.8	83.2	83.7	84.2	85.0	85.3	86.0	86.8	87.9	0.9%	
Coal	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3%	
Electricity	192.9	204.0	211.8	211.3	218.2	222.0	225.6	228.8	231.8	233.3	234.5	236.6	238.6	243.4	246.5	249.7	253.2	256.8	259.8	262.8	266.5	271.6	1.4%	
Total	291.4	305.8	314.0	316.0	324.1	328.1	330.7	333.9	336.9	338.7	339.7	342.1	344.6	350.1	353.3	356.8	360.6	364.6	367.7	371.2	375.5	381.7	1.1%	
Commercial																								
Petroleum	13.1	14.2	12.5	12.7	12.7	12.7	12.7	12.7	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.3	-0.3%	
Natural Gas	45.1	49.3	49.0	50.8	52.6	53.7	54.0	54.6	55.2	55.9	56.7	57.6	58.5	59.3	60.2	61.0	61.9	62.7	63.5	64.4	65.4	66.4	1.5%	
Coal	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	0.5%	
Electricity	188.0	195.6	201.5	200.0	208.4	211.7	217.8	223.8	229.5	233.0	237.2	241.7	245.9	252.2	258.1	263.2	268.2	273.8	279.0	283.9	289.1	294.5	2.0%	
Total	248.0	260.9	264.6	265.1	273.4	279.8	286.0	292.7	299.3	303.5	308.5	314.0	319.2	326.4	333.2	339.2	345.1	350.5	356.7	361.9	367.8	374.2	1.8%	
Industrial 1/																								
Petroleum	97.7	93.7	90.4	92.5	93.5	95.1	96.7	97.3	100.2	101.3	103.2	105.2	107.5	108.1	108.9	109.7	110.3	111.5	112.2	113.4	114.4	115.1	1.0%	
Natural Gas 2/	138.3	136.1	128.1	140.2	145.8	147.7	150.0	153.3	154.8	157.3	158.7	161.0	162.8	164.8	166.9	168.8	170.0	170.8	172.6	174.2	175.6	176.8	1.2%	
Coal	64.1	65.2	62.1	61.2	62.2	62.7	63.1	63.3	63.6	63.5	63.5	63.5	63.8	63.8	63.7	63.6	63.7	63.9	64.1	64.3	64.4	64.5	-0.1%	
Electricity	178.3	183.0	176.0	172.7	178.4	181.2	185.7	190.2	194.9	199.2	202.7	206.2	209.7	212.8	214.9	217.3	219.5	222.6	225.3	228.0	230.7	233.2	1.2%	
Total	478.4	478.1	456.6	466.6	480.0	486.8	495.6	504.1	513.3	519.1	524.6	532.4	540.4	546.4	552.3	556.8	561.3	565.7	571.4	577.3	582.4	587.2	1.0%	
Transportation																								
Petroleum 3/	487.6	502.5	510.5	521.5	533.2	543.8	555.4	565.2	576.8	589.1	602.6	615.9	629.7	641.6	653.0	661.7	670.3	680.2	689.8	699.3	709.8	718.6	1.8%	
Natural Gas 4/	11.0	11.4	11.8	11.6	12.1	12.3	12.4	12.6	12.8	13.1	13.3	13.7	14.1	14.4	14.7	15.0	15.3	15.5	15.8	16.1	16.3	16.5	1.8%	
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	
Electricity	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.7	4.8	5.0	5.2	2.8%	
Total 3/	501.5	516.9	525.5	536.3	548.6	559.4	571.2	581.4	593.3	606.9	619.8	633.5	647.9	660.1	671.9	681.1	690.0	700.3	710.4	720.3	731.0	740.3	1.9%	
Total by Delivered Fuel																								
Petroleum 3/	625.7	637.9	639.9	653.0	665.3	677.0	689.6	699.7	713.9	727.0	742.1	757.1	773.1	785.4	797.2	808.5	815.4	828.4	836.5	847.1	858.2	867.9	1.8%	
Natural Gas	284.3	270.0	263.7	279.9	289.4	293.2	295.5	299.9	302.3	306.8	309.3	314.4	317.3	321.2	324.9	328.4	331.4	333.9	337.1	340.7	344.0	347.6	1.3%	
Coal	67.1	68.2	64.8	63.9	65.0	65.8	66.0	66.3	66.6	66.5	66.6	66.6	66.9	66.9	66.8	66.9	67.1	67.3	67.5	67.7	67.8	67.8	0.0%	
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	
Electricity	560.1	585.6	592.4	587.1	606.2	618.3	632.3	646.2	659.8	666.9	674.6	684.8	694.7	709.4	721.6	732.0	743.1	753.6	765.1	775.2	786.7	800.0	1.6%	
Total 3/	1517.2	1561.7	1560.7	1683.9	1626.0	1654.2	1683.5	1712.1	1742.7	1767.2	1792.6	1822.0	1852.1	1883.1	1910.8	1933.8	1957.0	1981.1	2006.2	2030.7	2056.8	2083.4	1.5%	
Electricity Generators 6/																								
Petroleum	23.5	19.9	22.9	7.6	4.8	4.6	3.5	3.1	2.5	2.2	2.1	2.2	2.0	2.2	2.5	2.7	2.8	2.9	3.1	3.2	3.2	-8.8%		
Natural Gas	51.1	61.2	62.6	70.5	78.4	78.8	80.7	82.7	84.5	89.1	92.3	98.1	105.5	108.2	113.1	118.7	123.2	125.9	129.6	134.2	137.9	139.7	4.2%	
Coal	485.5	504.5	506.9	509.0	525.0	534.9	548.1	560.4	572.8	575.6	580.1	584.5	587.2	599.0	606.0	610.6	617.2	624.9	632.6	639.9	645.6	657.2	1.3%	
Total	560.1	585.6	592.4	587.1	606.2	618.3	632.3	646.2	659.8	666.9	674.6	684.8	694.7	709.4	721.6	732.0	743.1	753.6	765.1	775.2	786.7	800.0	1.6%	
Total by Primary Fuel 7/																								
Petroleum 3/	648.3	657.8	662.8	660.6	670.1	681.6	693.1	702.8	716.4	729.2	744.2	759.2	775.1	787.6	799.7	809.2	818.2	829.2	839.3	850.2	861.4	871.1	1.4%	
Natural Gas	315.3	331.2	326.3	350.4	365.8	372.0	376.2	382.5	386.8	395.8	401.6	411.5	422.7	429.5	438.0	447.1	454.6	459.8	466.8	474.9	481.9	487.3	1.9%	
Coal	552.6	572.8	571.7	572.9	590.0	600.5	614.1	626.7	639.4	642.1	646.7	652.2	654.1	665.9	672.9	677.4	684.1	692.1	700.0	705.5	713.3	724.9	1.2%	
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	
Total 3/	1517.2	1561.7	1560.7	1683.9	1626.0	1654.2	1683.5	1712.1	1742.7	1767.2	1792.6	1822.0	1852.1	1883.1	1910.8	1933.8	1957.0	1981.1	2006.2	2030.7	2056.8	2083.4	1.5%	
Carbon Dioxide Emissions (tons carbon equivalent per person)	5.6	5.7	5.6	5.6	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4	0.6%	

1/ Includes consumption by cogenerators.

2/ Includes lease and plant fuel.

3/ This includes international bunker fuel, which by convention are excluded from the international accounting of carbon dioxide emissions. In the years from 1990 through 1998, international bunker fuels accounted for 25 to 30 million metric tons carbon equivalent of carbon dioxide annually.

4/ Includes pipeline fuel natural gas and compressed natural gas used as vehicle fuel.

5/ Includes methanol and liquid hydrogen.

6/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators. Does not include emissions from the nonbiogenic component of municipal solid waste because under international guidelines these are accounted for as waste, not energy.

7/ Emissions from electric power generators are distributed to the primary fuels.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 emissions and emission factors: Energy Information Administration (EIA), Emissions of Greenhouse Gases in the United States 2000.

DOE/EIA-0573(2000) (Washington, DC, November 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.f102001b.

Table 20. Macroeconomic Indicators (1 of 1)
(Billion 1996 Chain-Weighted Dollars, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
GDP Chain-Type Price Index (1996=1.00)	1.047	1.070	1.094	1.113	1.148	1.180	1.212	1.246	1.280	1.312	1.345	1.379	1.414	1.454	1.494	1.537	1.581	1.627	1.676	1.731	1.792	1.859	2.8%	
Real Gross Domestic Product	8857	9224	9319	9523	9813	10080	10392	10700	11032	11425	11854	12303	12772	13162	13551	13954	14372	14804	15254	15684	16106	16496	2.9%	
Real Consumption	5968	6258	6413	6548	6715	6897	7105	7297	7492	7720	7966	8216	8482	8730	8975	9229	9492	9772	10070	10361	10661	10941	2.8%	
Real Investment	1660	1773	1655	1679	1767	1636	1913	1989	2090	2218	2358	2508	2673	2804	2938	3092	3235	3384	3539	3683	3816	3931	4.1%	
Real Government Spending	1532	1573	1632	1681	1765	1728	1751	1775	1799	1825	1854	1889	1914	1936	1961	1987	2013	2039	2064	2089	2114	2146	1.6%	
Real Exports	1035	1133	1103	1103	1185	1267	1368	1462	1573	1698	1840	1992	2169	2319	2489	2670	2863	3071	3294	3532	3782	4046	6.6%	
Real Imports	1352	1532	1516	1520	1586	1672	1763	1832	1920	2013	2119	2231	2351	2505	2671	2854	3050	3268	3487	3739	4012	4311	5.3%	
Real Disposable Personal Income	6320	6539	6772	6921	7147	7345	7566	7736	7927	8173	8451	8726	9023	9324	9615	9905	10199	10514	10823	11123	11443	11723	3.0%	
AA Utility Bond Rate (percent)	7.05	7.91	7.37	7.19	7.23	7.13	7.16	7.31	7.48	7.75	7.72	7.63	7.79	7.85	7.93	8.04	8.06	8.35	8.30	8.38	8.47	8.62	0.4%	
Real Yield on Government 10 Year Bonds (percent)	4.75	4.84	3.47	3.89	4.19	4.13	3.92	3.98	4.22	4.62	4.71	4.74	4.98	5.02	5.08	5.18	5.29	5.73	5.79	5.81	5.80	5.79	N/A	
Real Utility Bond Rate (percent)	5.52	6.27	5.39	5.12	4.87	4.58	4.29	4.55	4.73	5.05	5.12	5.11	5.28	5.23	5.21	5.21	5.22	5.48	5.37	5.28	5.19	5.10	N/A	
Energy Intensity (thousand Btu per 1996 dollar of GDP)	8.20	8.04	7.86	7.93	7.91	7.82	7.71	7.60	7.49	7.35	7.19	7.05	6.91	6.81	6.70	6.59	6.47	6.36	6.24	6.14	6.06	5.98	N/A	
Delivered Energy	10.97	10.77	10.56	10.61	10.60	10.47	10.32	10.17	10.00	9.78	9.56	9.36	9.16	9.02	8.88	8.73	8.57	8.41	8.25	8.12	8.01	7.90	-1.5%	
Consumer Price Index (1982=4=1.00)	1.67	1.72	1.78	1.81	1.87	1.93	1.99	2.05	2.11	2.17	2.24	2.30	2.36	2.44	2.52	2.60	2.68	2.77	2.87	2.97	3.09	3.21	3.2%	
Unemployment Rate (percent)	4.23	4.01	4.78	5.70	5.65	5.51	5.32	5.26	5.18	4.95	4.66	4.46	4.22	4.24	4.35	4.44	4.58	4.57	4.42	4.27	4.14	4.04	0.0%	
Housing Starts (millions)	2.00	1.82	1.76	1.77	1.76	1.78	1.82	1.82	1.85	1.87	1.89	1.92	1.94	1.90	1.86	1.86	1.88	1.89	1.89	1.93	1.98	1.98	1.98	0.4%
Single-Family	1.31	1.23	1.26	1.27	1.25	1.27	1.27	1.28	1.29	1.30	1.32	1.34	1.31	1.29	1.29	1.30	1.31	1.33	1.34	1.34	1.34	1.34	N/A	
Multi-Family	0.34	0.34	0.32	0.30	0.27	0.27	0.27	0.26	0.27	0.28	0.29	0.30	0.30	0.30	0.29	0.30	0.30	0.31	0.33	0.34	0.35	0.36	0.3%	
Mobile Home Shipments	0.35	0.25	0.19	0.21	0.24	0.26	0.27	0.28	0.30	0.31	0.31	0.30	0.30	0.29	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.5%	
Commercial Floorspace, Total (billion square feet)	63.1	64.5	66.1	67.6	69.0	70.3	71.6	72.8	73.9	75.1	76.2	77.4	78.6	79.9	81.2	82.4	83.7	84.9	86.1	87.2	88.4	89.5	1.7%	
Gross Output (billion 1992 dollars)	4794	5062	4969	5104	5306	5466	5651	5812	5989	6164	6354	6581	6798	6979	7167	7341	7517	7684	7870	8073	8264	8428	2.6%	
Total Industrial	990	1039	1053	1050	1081	1102	1125	1132	1142	1163	1186	1212	1232	1249	1274	1300	1327	1346	1366	1396	1424	1451	1.7%	
Non-Manufacturing	3804	4022	3917	4054	4225	4364	4526	4680	4847	5001	5167	5369	5566	5730	5893	6042	6190	6338	6504	6677	6840	6977	2.8%	
Energy Intensive	1057	1100	1092	1117	1136	1152	1172	1175	1193	1207	1226	1246	1270	1289	1305	1320	1333	1348	1364	1379	1394	1406	1.2%	
Non-Intensive	2747	2922	2824	2938	3089	3212	3354	3506	3653	3793	3941	4124	4296	4441	4588	4722	4857	4990	5140	5296	5446	5571	3.3%	
Unit Sales Light-Duty Vehicles (millions)	16.89	17.36	16.19	16.01	16.59	16.10	16.31	16.76	17.03	17.15	17.23	17.34	17.46	17.50	17.54	17.57	17.64	17.71	17.83	17.92	18.01	18.08	0.2%	
Millions of People	273.2	275.7	278.2	280.7	283.2	285.6	288.1	290.5	293.0	295.4	297.8	300.2	302.7	305.1	307.6	310.1	312.7	315.2	317.7	320.3	322.8	325.3	0.8%	
Population (aged 16 and over)	211.0	213.1	215.4	217.8	220.1	222.4	224.8	227.3	229.7	232.1	234.4	236.6	238.7	240.7	242.7	244.7	246.7	248.6	250.6	252.6	254.6	256.5	0.9%	
Employment, Non-Agriculture	127.5	130.1	130.5	130.7	132.3	134.2	136.2	138.2	140.0	141.5	143.0	144.8	146.4	147.3	148.0	149.8	149.8	150.9	151.9	152.8	153.6	154.3	0.9%	
Employment, Manufacturing	17.6	17.5	16.8	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.3	16.2	16.2	16.1	15.9	15.7	15.5	15.4	15.3	15.2	15.2	15.2	-0.7%	
Labor Force	139.4	140.9	141.7	143.3	145.2	147.2	149.1	151.1	152.8	154.2	155.6	156.9	157.9	158.7	159.6	160.5	161.4	162.2	163.0	163.8	164.5	165.3	0.8%	

GDP = Gross domestic product.

Btu = British thermal unit.

N/A = Not applicable.

Sources: 1999 and 2000: DRI-WEFA, Simulation CTL0901. Projections: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 21. International Petroleum Supply and Disposition Summary (1 of 1)
(Million Barrels per Day, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
World Oil Price (2000 dollars per barrel) 1/	17.60	27.72	22.48	25.43	26.93	28.35	29.66	29.65	29.74	29.83	29.92	30.01	30.09	30.17	30.26	30.35	30.44	30.50	30.53	30.55	30.57	30.58	0.9%
Production 2/																							
OECD																							
U.S. (50 states)	9.21	9.03	8.92	9.10	9.15	8.99	8.99	9.03	9.12	9.21	9.21	9.32	9.05	9.80	10.01	10.12	10.27	10.53	10.64	10.75	10.78	10.85	0.9%
Canada	2.58	2.73	2.82	2.94	3.00	3.06	3.12	3.19	3.25	3.31	3.37	3.43	3.48	3.53	3.57	3.62	3.67	3.71	3.76	3.80	3.84	3.89	1.8%
Mexico	3.26	3.51	3.76	4.07	4.18	4.28	4.39	4.48	4.58	4.64	4.72	4.78	4.84	4.90	4.96	5.01	5.04	5.06	5.07	5.09	5.11	5.13	1.9%
OECD Europe 3/	6.90	7.03	7.14	7.18	7.31	7.46	7.60	7.74	7.72	7.70	7.68	7.64	7.61	7.56	7.51	7.46	7.42	7.37	7.31	7.25	7.20	7.15	0.1%
Other OECD	0.75	0.98	0.97	0.96	0.97	0.99	1.01	1.03	1.04	1.06	1.07	1.08	1.08	1.09	1.10	1.10	1.10	1.10	1.11	1.11	1.11	1.11	0.7%
Total OECD	22.69	23.26	23.61	24.22	24.61	24.77	25.11	25.48	25.72	25.93	26.05	26.25	26.05	26.87	27.14	27.31	27.50	27.77	27.89	28.01	28.05	28.13	1.0%
Developing Countries																							
Other South & Central America	3.72	3.76	3.84	4.02	4.18	4.34	4.50	4.65	4.85	5.04	5.24	5.44	5.63	5.82	6.01	6.22	6.41	6.62	6.83	7.04	7.26	7.49	3.5%
Pacific Rim	2.22	2.29	2.39	2.50	2.61	2.70	2.81	2.91	2.93	2.95	2.96	2.96	2.98	2.98	2.98	2.97	2.97	2.96	2.95	2.95	2.95	2.94	1.3%
OPEC	30.13	31.22	31.76	31.22	30.66	30.62	30.38	30.19	30.43	30.68	31.37	32.16	32.89	33.98	35.03	36.21	37.43	38.62	40.23	41.95	43.53	44.87	1.8%
Other Developing Countries	4.88	4.92	4.78	5.00	5.23	5.50	5.78	6.08	6.39	6.55	6.80	7.05	7.29	7.53	7.79	8.03	8.31	8.58	8.82	9.08	9.38	9.68	3.4%
Total Developing Countries	40.74	42.17	42.77	42.74	42.68	43.17	43.47	43.81	44.49	45.23	46.37	47.61	48.78	50.31	51.82	53.43	55.12	56.77	58.84	61.01	63.11	64.98	2.2%
Eurasia																							
Former Soviet Union	7.15	7.76	8.16	8.64	9.19	9.76	10.38	10.99	11.62	12.26	12.92	13.56	14.20	14.59	14.97	15.38	15.76	16.18	16.44	16.69	16.96	17.21	4.1%
Eastern Europe	0.23	0.24	0.25	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.40	0.41	0.41	2.8%
China	3.10	3.23	3.19	3.15	3.21	3.26	3.32	3.37	3.40	3.43	3.45	3.47	3.48	3.49	3.50	3.50	3.50	3.50	3.50	3.50	3.49	3.48	0.4%
Total Eurasia	10.47	11.23	11.61	12.06	12.68	13.31	14.00	14.66	15.34	16.02	16.71	17.36	18.03	18.43	18.83	19.24	19.64	20.07	20.32	20.59	20.86	21.11	3.2%
Total Production	73.91	76.68	77.98	79.02	79.96	81.26	82.68	83.94	85.54	87.18	89.12	91.23	93.46	95.61	97.80	99.98	102.26	104.61	107.05	109.61	112.02	114.22	2.0%
Consumption																							
OECD																							
U.S. (50 states)	19.53	19.74	19.65	19.85	20.31	20.63	20.97	21.25	21.64	22.00	22.44	22.87	23.35	23.71	24.07	24.34	24.59	24.90	25.18	25.50	25.83	26.12	1.4%
U.S. Territories	0.34	0.35	0.36	0.36	0.37	0.37	0.38	0.37	0.38	0.38	0.38	0.38	0.39	0.40	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.44	1.2%
Canada	1.93	1.96	2.03	1.99	1.95	1.93	1.92	1.91	1.91	1.92	1.92	1.92	1.93	1.93	1.94	1.94	1.94	1.95	1.95	1.96	1.96	1.96	0.0%
Mexico	1.95	2.03	2.08	2.12	2.16	2.21	2.26	2.31	2.37	2.44	2.51	2.60	2.68	2.78	2.88	2.99	3.10	3.23	3.36	3.51	3.66	3.82	3.2%
Japan	5.57	5.54	5.61	5.54	5.52	5.48	5.39	5.32	5.25	5.18	5.13	5.09	5.06	5.03	5.01	4.99	4.97	4.95	4.94	4.92	4.91	4.89	-0.6%
Australia and New Zealand	0.98	1.00	1.02	1.01	1.00	1.00	1.00	1.00	1.01	1.02	1.04	1.05	1.07	1.09	1.10	1.12	1.14	1.16	1.18	1.20	1.22	1.24	1.0%
OECD Europe 3/	14.49	14.53	14.85	15.02	15.10	15.05	15.08	15.07	15.10	15.14	15.20	15.26	15.32	15.38	15.43	15.50	15.56	15.63	15.70	15.77	15.84	15.84	0.4%
Total OECD	44.79	45.16	45.60	45.89	46.41	46.71	46.96	47.22	47.63	48.04	48.57	49.12	49.74	50.25	50.76	51.21	51.64	52.16	52.65	53.20	53.77	54.30	0.9%
Developing Countries																							
Other South & Central America	4.18	4.29	4.52	4.59	4.63	4.67	4.74	4.81	5.10	5.30	5.52	5.73	5.95	6.18	6.43	6.68	6.95	7.22	7.51	7.81	8.12	8.44	3.4%
Pacific Rim	7.87	8.20	8.86	9.19	9.41	9.73	10.05	10.39	10.74	11.11	11.49	11.89	12.30	12.72	13.16	13.61	14.08	14.56	15.05	15.57	16.02	16.34	3.9%
OPEC	5.68	5.81	5.95	6.02	6.19	6.37	6.55	6.74	6.93	7.13	7.34	7.55	7.77	7.99	8.23	8.47	8.72	8.97	9.23	9.51	9.79	10.08	2.8%
Other Developing Countries	2.78	2.85	2.96	3.02	3.07	3.14	3.24	3.36	3.48	3.63	3.79	3.97	4.16	4.36	4.57	4.79	5.03	5.28	5.56	5.86	6.18	6.54	4.2%
Total Developing Countries	20.50	21.15	22.28	22.82	23.29	23.91	24.58	25.40	26.26	27.17	28.14	29.14	30.18	31.25	32.38	33.55	34.77	36.03	37.36	38.75	40.11	41.40	3.4%
Eurasia																							
Former Soviet Union	3.65	3.66	3.74	3.88	4.22	4.45	4.77	4.93	4.96	5.14	5.39	5.66	5.90	6.16	6.35	6.58	6.76	6.95	7.13	7.31	7.47	7.67	3.6%
Eastern Europe	1.53	1.54	1.55	1.54	1.54	1.54	1.56	1.57	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.65	1.66	1.66	1.66	1.66	1.66	1.66	0.4%
China	4.31	4.53	4.70	4.77	4.79	4.95	5.03	5.24	5.47	5.72	5.99	6.28	6.56	6.87	7.20	7.55	7.92	8.31	8.73	9.18	9.47	9.69	3.9%
Total Eurasia	9.49	9.73	9.99	10.19	10.55	10.93	11.34	11.62	12.26	12.72	13.26	13.84	14.40	14.98	15.54	16.14	16.72	17.34	17.97	18.44	18.82	19.22	3.4%
Total Consumption	74.76	76.99	77.95	79.10	80.26	81.56	82.88	84.24	85.84	87.48	89.42	91.63	93.76	95.91	98.10	100.28	102.56	104.91	107.35	109.91	112.32	114.52	2.1%
Non-OPEC Production	43.77	45.44	46.22	47.80	49.30	50.63	52.20	53.75	55.12	56.49	57.75	59.07	60.57	61.63	62.76	63.77	64.84	65.99	66.81	67.66	68.48	69.36	2.1%
Net Eurasia Exports	0.98	1.51	1.61	1.87	2.13	2.38	2.66	3.04	3.38	3.76	3.99	4.10	4.19	4.03	3.85	3.70	3.50	3.35	2.99	2.62	2.42	2.29	-2.1%
OPEC Market Share	0.41	0.41	0.41	0.40	0.38	0.38	0.37	0.36	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	-0.2%

1/ Average refiner acquisition cost of imported crude oil.

2/ Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, alcohol, liquids produced from coal and other sources, and refinery gases.

3/ OECD Europe includes the unified Germany.

OECD = Organization for Economic Cooperation and Development - Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy,

Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States (including territories).

Pacific Rim = Hong Kong, Malaysia, Philippines, Singapore, South Korea, Taiwan, and Thailand.

OPEC = Organization of Petroleum Exporting Countries - Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Eurasia = Albania, Bulgaria, China, Czech Republic, Hungary, Poland, Romania, Slovakia, the Former Soviet Union, and the Former Yugoslavia.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 data derived from: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001.

http://www.eia.doe.gov/pub/forecasting/steo/oldsteo/oct01.pdf. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.